WBS No: 1HAH1010 **Rocky Flats Closure Project** Activity ID: 1HAH101001 Rasaline Cost and Rasis of Estimate

102

SYS

Radiological Engineering Support

Contingency And Escalation

Baseline Devl Proiect WBS Filter 1HAH

Total for Activity 1HAH101001:	Starts In FY sedule Risk 1	
Line   Lem	adula Piek 1	
101	eune Risk I	
102		t Total Cost
Sys	0 469.245 138.14	8 607.393
Total for Activity 1HAH101001:	0 63.288 30.18	93.477
Line Item 101 - Project Interface	37.076 37.076	0 37.076
Bistorical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99	37.076 569.610 168.33	6 737.946
Item Desc - Project integration   Breakdown of Historical Data:   Item - Labor   Units - ea.   Unit Cost -   Unit Cost -   Unit Cost Adjustment factor -   Revised Unit Cost -   Basis for adjustment -   This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.    Resources   Cost Element		
Resources    Cost Element   Skill   Department   Crost Element   T50   STRAIGHT TIME BASE   S010   CHEMISTS   K267S   Analytical Laboratory Services   Lir		
T50   STRAIGHT TIME BASE   S010   CHEMISTS   K267S   Analytical Laboratory Services   Line		
Factors   5   ea		Units
A5H SUBCONTRACTED SRVS S010 CHEMISTS K267S Analytical Laboratory Services Lire Factors 2 ea 1850 hrs 60 dollars    Factor	inear 9.250.00 Ho	ours
Factors   2   ea   1850   hrs   60   dollars   0.80913	inear 179.627.80 Do	
Line Item 102 - Radiological Engineering Support  BOE	inear 179.627.80 Do	ollars
Resources         Cost Element         Skill         Department         Cu           750         STRAIGHT TIME BASE         E130         OTHER ENGINEERS         R100S         RMRS Salaried         Lin           Factors         1         ea         1850         hrs           Line Item SYS - Contingency And Escalation		
750 STRAIGHT TIME BASE E130 OTHER ENGINEERS R100S RMRS Salaried Lir Factors 1 ea 1850 hrs  Line Item SYS - Contingency And Escalation		
Factors 1 ea 1850 hrs Line Item SYS - Contingency And Escalation		Units
Line Item SYS - Contingency And Escalation	inear 1.850.00 Ho	ours
• •		
BOE		
	Curve Ouantity	Units
CON CONTINGENCY 0000 NONE ZDEPT No Department Lir	inear 22.338.42 Do	llars
Factors 22338.4 Dollars		
ESC ESCALATION 0000 NONE ZDEPT No Department Lir	inear 14.737.73 Do	llars
Factors 14737.7 Dollars		
Activity ID: 1HAH101002 Description: Analytical Project Integration Cost Risk 1 Scheen	edule Risk 1	
Line Item Description Quantity Units BOE Labor Labor Hours Labor Cost Materials/Sub Continge Type Hours/Unit Total Total Cost & Escale		t Total Cost
101 Project Interface 1.00 each HC 9.250 9.250 289.617 179.628	0 469.245 102.23	571.480

НС

1.00 each

Total for Activity 1HAH101002:

1.00 ea

1.850

11.100

0

1.850

0

63.288

352.906

179.628

0

63.288

97.961

630.495

22.341

124.576

85.629

97.961

755.070

0

97.961

97.961

WBS No: 1HAH1010 **Rocky Flats Closure Project** Activity ID: 1HAH101002 **Baseline Cost and Basis of Estimate** 

Baseline Devl Proiect WBS Filter 1HAH Activity Filter

Starts In FY \*

0.80913 [SYS 061400] .80704 - System

Line Item 101 - Project Interface

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

es	Cost Element	Skill	Department	Curve	Quantity Units
	750 STRAIGHT TIME BASE	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	9.250.00 Hours
	Factors 5 ea	1850 hrs			
	A5H SUBCONTRACTED SRVS	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	179.627.80 Dollars
	Factors 2 ea	1850 hrs	60 dollars		

Line Item 102 - Radiological Engineering Support

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Review & approve PRE's Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources

ces			Cost Element			Skill		Department	Curve	Ouantity	Units
	750	STRAIGH	HT TIME BASE	E130	OTHER E	NGINEERS	R100S	RMRS Salaried	Linear	1,850.00	Hours
	Factors	1	ea		1850	hrs					

#### Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	67.253.12	Dollars
	Factors	67253.1 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	30.707.68	Dollars

Factors 30707.7 Dollars

Activity ID: 1HAH101003 Description: Analytical Project Integration

Activity ID: 1HA	.H101003 Description: Analytical Project Integration	ı						Cost Risk	1 Schedule F	?isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Project Interface	1.00	each	HC	5.550	5.550	173,770	179.628	0	353,398	60.125	413.523
102	Radiological Engineering Support	1.00	each	HC	1.850	1.850	63.288	0	0	63.288	21.898	85.186
SYS	Contingency And Escalation	1.00	ea ea	EE	0	0	0	0	137.920	137.920	0	137.920
	Tot	al for Activ	ity 1HAH10	1003:		7.400	237.059	179.628	137.920	554.606	82.022	636.629

## Line Item 101 - Project Interface

BOE

```
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Project integration
Breakdown of Historical Data:
Item - Labor
 Units - ea.
Unit Cost -
Unit Cost Adjustment factor -
Revised Unit Cost -
 Basis for adjustment -
```

6/23/00 10:22:04 AM Page 2 of 89 OFFICIAL USE ONLY WBS No: Baseline Devl 1HAH1010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101003 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** 

Activity Filter This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	5.550.00	Hours
	Factors	5 ea		1850 hrs		0.6 Target Cut 05/30/00			
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	179.627.80	Dollars

Factors 2 1850 hrs 60 dollars ea

Line Item 102 - Radiological Engineering Support

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Review & approve PRE's Breakdown of Historical Data:

Item - Labor Units - ea. Unit Cost -

Unit Cost Adjustment factor -Revised Unit Cost -

Basis for adjustment -

Resource

rces	Cost Element		Skill			Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.850.00	Hours

Factors 1 1850 hrs ea

#### Line Item SYS - Contingency And Escalation

BOE

BOE

Resource

ces		Cost Element Skill			Department	Curve	Quantity	Units		
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	99,675.88	Dollars	
	Factors	99675.9 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	38.243.65	Dollars	

Factors 38243.7 Dollars

Activity ID: 1HAH101004

Description: Analytical Project Integration Cost Risk 1 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Project Interface	1.00	each	HC	3.700	3.700	115.847	179.628	0	295.475	32.669	328.144
102	Radiological Engineering Support	1.00	each	HC	1.850	1.850	63.288	0	0	63.288	17.847	81.136
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	58.328	58.328	0	58.328
	Tot	5.550	179.135	179.628	58.328	417.092	50.516	467.608				

#### Line Item 101 - Project Interface

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Project integration Breakdown of Historical Data:

Item - Labor Units - ea.

Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

es		Cost Element			Skill			Department	Ci	urve	<i>Ouantity</i>	Units	
	750	STRAIGHT TIME BASE	S0	010 CHEMISTS		K267S	Analytica	Laboratory Services	Lir	near	3.700.00	Hours	
	Factors	2 ea		1850 h	rs								
	A5H	SUBCONTRACTED SE	VS S0	010 CHEMISTS		K267S	Analytica	Laboratory Services	Lir	near	179.627.80	Dollars	
	Factors	2 ea		1850 h	rs		60	dollars					

Line Item 102 - Radiological Engineering Support

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE

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Starts In FY

0.80913 [SYS 061400] .80704 - System

0.80913 [SYS 061400] .80704 - System

WBS No: 1HAH1010 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101004 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY \* Item Desc - Review & approve PRE's Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Quantity Units 750 STRAIGHT TIME BASE E130 OTHER ENGINEERS R100S RMRS Salaried Linear 1.850.00 Hours 1850 hrs Factors Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve Ouantity Units CON CONTINGENCY 0000 NONE ZDEPT No Department 19,030.76 Dollars Linear Factors 19030.8 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 39,297.49 Dollars 39297.5 Dollars Factors Activity ID: 1HAH101005 Description: Analytical Project Integration Cost Risk 1 Schedule Risk Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Line Item Description Quantity Type Hours/Unit Total Total Cost & Escalation Cost 101 Project Interface 1.00 each HC 3.700 3.700 115.847 89.814 0 205.661 40.315 245.976 102 Radiological Engineering Support HC 1.850 1.850 63.288 63.288 22.024 85.313 1.00 each 0 0 SYS EE 0 176.772 176.772 Contingency And Escalation 1.00 ea 0 0 176,772 0 Total for Activity 1HAH101005: 5.550 179.135 89.814 176.772 445.721 62.339 508.060 Line Item 101 - Project Interface Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Project integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. Cost Element Units Resources Department Curve K267S Analytical Laboratory Services 750 STRAIGHT TIME BASE S010 CHEMISTS Linear 3.700.00 Hours ea 1850 hrs K267S Analytical Laboratory Services A5H SUBCONTRACTED SRVS S010 CHEMISTS 89.813.90 Dollars Linear Factors 1 1850 hrs dollars 0.80913 [SYS 061400] .80704 - System Line Item 102 - Radiological Engineering Support Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Review & approve PRE's

Skill

Breakdown of Historical Data:

Unit Cost Adjustment factor -

Cost Element

Item - Labor
Units - ea.
Unit Cost -

Resources

Revised Unit Cost -Basis for adjustment -

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Curve

**Ouantity** 

Units

Department

WBS No: 1HAH1010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HAH101005 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY 750 STRAIGHT TIME BASE E130 OTHER ENGINEERS R100S RMRS Salaried 1.850.00 Hours Linear Factors 1 1850 hrs Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Units Department Curve 0000 NONE CON CONTINGENCY ZDEPT No Department 125.450.20 Dollars Linear 125450 Dollars 51.321.72 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear Factors 51321.7 Dollars Activity ID: 1HAH101011 Description: Records Management Cost Risk 1 Schedule Risk BOE Labor Cost Materials/Sub Total Prime Line Item Description **Ouantity** Units Labor Labor Hours Contingency Burden Cost Total Cost TypeHours/Unit **Total Total** Cost & Escalation Cost 101 Analytical Report Management 1.00 each VQ 0 0 0 263.873 0 263.873 0 263.873 EE 102 Disposition B881 Lab Records 0 46.744 46.744 0 46.744 1.00 each 0 0 0 SYS Contingency And Escalation 1.00 ea EE 0 0 0 16.432 16.432 0 16.432 Total for Activity 1HAH101011: Λ 310.618 16.432 327.049 0 327.049 Line Item 101 - Analytical Report Management Vendor Name - Source One BOE Vendor Quote - FY01 Management of analytical reports and records. Quote Received by - R. Stagner Date Received - 4/20/00 Item being quoted - Records Management Other Info -Availability -This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. Units Resources Cost Element Department Curve **Ouantity** A55 SOURCE ONE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services 22.000.00 Dollars Linear 22000 dollars Target Adjust 05/30/00 Factors 1 Is A55 SOURCE ONE P170 OTHER ADMINISTRATIVE & PROFE K267S Analytical Laboratory Services Linear 229.000.00 Dollars Factors 1 229000 dollars ls A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 4.400.00 Dollars Linear Factors 2 2200 dollars A5C SUPPLIES NONE K267S Analytical Laboratory Services 2,000.00 Dollars 0000 Linear Factors 1 2000 dollars ls 6,473.07 Dollars A5H SUBCONTRACTED SRVS 0000 NONE K267S Analytical Laboratory Services Linear Factors 1 8000 dollars 0.80913 [SYS 061400] .80704 - System Line Item 102 - Disposition B881 Lab Records Estimators Experience -BOE Experience Item Desc - Historical costs for analysis for Be, historical costs for completing radiological release of property, historical costs for removal of records from onsite Buildings. Vendor (Source One) input into estimated costs for destruction, preparation for storage, and shipping records offsite to Federal Center. Breakdown of Cost Data: Item - Lab records Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Skill

Resources

Cost Element

Curve

Department

Units

WBS No: 1HAH1010 Baseline Devl Proiect Rocky Flats Closure Project Activity ID: 1HAH101011 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY K267S Analytical Laboratory Services A5H SUBCONTRACTED SRVS 0000 NONE 46.744.50 Dollars Linear Factors 1 57771 dollars 0.80913 [SYS 061400] .80704 - System Line Item SYS - Contingency And Escalation BOE Units Resources Cost Element Skill Department Curve Quantity CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 9.900.13 Dollars Factors 9900.13 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 6.531.59 Dollars Linear 6531.59 Dollars Factors Activity ID: 1HAH101012 Description: Records Management Cost Risk 1 Schedule Risk BOE Materials/ Sub Total Prime Line Item Description **Ouantity** Units Labor Labor Hours Labor Cost Contingency Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost 101 Analytical Report Management VQ 0 264.873 0 264.873 1.00 each 264.873 SYS Contingency And Escalation 1.00 ea EE 0 39.487 39.487 0 39.487 Total for Activity 1HAH101012: Λ 264.873 39.487 304.360 Ω 304.360 Line Item 101 - Analytical Report Management Vendor Name - Source One BOE Vendor Quote - FY02 Management of analytical reports and records. Quote Received by - R. Stagner Date Received - 4/20/00 Item being quoted - Records Management Other Info -Availability -This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. Ouantity Units Resources Curve A55 SOURCE ONE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services 2.000.00 Dollars Linear Target Adust 05/30/00 Factors 1 Is dollars A55 SOURCE ONE P170 OTHER ADMINISTRATIVE & PROFE K267S Analytical Laboratory Services Linear 250.000.00 Dollars Factors 1 ls 250000 dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 4.400.00 Dollars Factors 2 2200 dollars A5C SUPPLIES K267S Analytical Laboratory Services 2,000.00 Dollars 0000 NONE Linear Factors 1 ls 2000 dollars 0000 NONE 6,473.07 Dollars A5H SUBCONTRACTED SRVS K267S Analytical Laboratory Services Linear Factors 1 8000 dollars 0.80913 [SYS 061400] .80704 - System Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Curve Units CON CONTINGENCY 0000 NONE ZDEPT No Department 27.108.93 Dollars Linear Factors 27108.9 Dollars ESC ESCALATION ZDEPT No Department 0000 NONE Linear 12.377.90 Dollars 12377.9 Dollars Activity ID: 1HAH101013 Description: Records Management Cost Risk 1 Schedule Risk BOE Materials/ Sub Contingency Total Prime Line Item Description **Ouantity** Units Labor Labor Hours Labor Cost Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost 101 Analytical Report Management VQ 0 Λ 254.310 254.310 0 254.310 1.00 each Λ

EE

1.00 ea

Total for Activity 1HAH101013:

SYS

Contingency And Escalation

254.310

70.330

70.330

70.330

324.640

0

0

70.330

324.640

0

WBS No: 1HAH1010 **Rocky Flats Closure Project** Activity ID: 1HAH101013 **Baseline Cost and Basis of Estimate** 

Baseline Devl Proiect WBS Filter 1HAH Activity Filter

Starts In FY \*

Line Item 101 - Analytical Report Management

BOE

Vendor Name - Source One

Vendor Quote - FY03 Management of analytical reports and records.

Quote Received by - R. Stagner

Date Received - 4/20/00

Item being quoted - Records Management

Other Info -Availability -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

es	Skill Skill		Skill	Department			Quantity	Units	
	A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	245.836.50	Dollars
	Factors	1 ls		273000 dollars		0.9005 Target Cut 05/30/00			
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	2.000.00	Dollars
	Factors	1 ls		2000 dollars					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K267S	Analytical Laboratory Services	Linear	6.473.07	Dollars
	Fastons	1 10		9000 dollars					

Factors 1

Units

**Ouantity** 

1.00 each

Total for Activity 1HAH101014:

1.00 ea

BOE

Type

VQ

EE

0.80913 [SYS 061400] .80704 - System

#### Line Item SYS - Contingency And Escalation

BOE

Resources

Line Item

es	Cost Element		Skill			Department	Curve	Quantity	Units
	CON	CONTINGENCY		NONE	ZDEPT	No Department	Linear	50.828.28	Dollars
	Factors	50828.3 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	19 501 80	Dollars

Labor

Hours/Unit

0

Labor Hours

Total

0

0

0

Factors 19501.8 Dollars

Activity ID: 1HAH101014 Description: Records Management Cont Dial. 4 Caladala Dial

36.409

255.473

	Cost Risk	1 Scheaule K	isk 1		
Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
Total	Cost	& Escalation	Cost		
0	255.473	0	255.473	0	255.473
0	0	36,409	36,409	0	36.409

291.882

0

291.882

#### Line Item 101 - Analytical Report Management

BOE

101

SYS

Vendor Name - Source One

Vendor Quote - FY04 Management of analytical reports and records.

Description

Quote Received by - R. Stagner

Analytical Report Management

Contingency And Escalation

Date Received - 4/20/00

Item being quoted - Records Management

Other Info -Availability -

Line Item SYS - Contingency And Escalation

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es	Cost Element	Skill	Departs	nent Curve	Quantity Units
	A55 SOURCE ONE	P170 OTHER ADMINIS	TRATIVE & PROFE   K267S   Analytical Laborato	rv Services Linear	246.999.90 Dollars
	Factors 1 Is		0.86972 Target C	ut 05/30/00	
	A5C SUPPLIES	0000 NONE	K267S Analytical Laborato	rv Services Linear	2.000.00 Dollars
	Factors 1 Is	2000 dollars	<u>,                                      </u>		
	A5H SUBCONTRACTED SRVS	0000 NONE	K267S Analytical Laborato	rv Services Linear	6.473.07 Dollars

Factors 1 8000 dollars

0.80913 [SYS 061400] .80704 - System

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	11.879.03 D	ollars
	Factors 11870 0 Dollars					

WBS No: 1HAH1010 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101014 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY ZDEPT No Department ESC ESCALATION 0000 NONE 24.529.56 Dollars Linear Factors 24529.6 Dollars Activity ID: 1HAH101015 Description: Records Management Cost Risk 1 Schedule Risk BOELabor Hours Labor Cost Materials/ Sub Total Prime Description Units Labor Contingency Burden Cost Total Cost Line Item **Quantity** Hours/Unit Type**Total** Total Cost & Escalation Cost 101 Analytical Report Management 1.00 each VQ 0 384,000 384.000 0 384.000 0 Contingency And Escalation SYS 1.00 ea FF Λ n 204.898 204.898 0 204.898 Total for Activity 1HAH101015: 0 0 384.000 204.898 588.898 0 588.898 Line Item 101 - Analytical Report Management Vendor Name - Source One BOE Vendor Ouote - FY05 Management of analytical reports and records. Quote Received by - R. Stagner Date Received - 4/20/00 Item being guoted - Records Management Other Info -Availability -Cost Element Skill Curve Quantity Units Resources Department A55 SOURCE ONE K267S Analytical Laboratory Services P170 OTHER ADMINISTRATIVE & PROFE Linear 295.000.00 Dollars 295000 dollars Factors 1 A55 SOURCE ONE P170 OTHER ADMINISTRATIVE & PROFE 87.000.00 Dollars K267S Analytical Laboratory Services Linear Factors 1 Is 87000 dollars Target Adjust 05/30/00 A5C SUPPLIES 0000 NONE 2.000.00 Dollars K267S Analytical Laboratory Services Linear Factors 1 ls 2000 dollars Line Item SYS - Contingency And Escalation BOE Units Resources Cost Flement Skill Department Curve Quantity CON CONTINGENCY 0000 NONE ZDEPT No Department 145.410.60 Dollars Linear Factors 145411 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 59.487.54 Dollars Factors 59487.5 Dollars Activity ID: 1HAH101016 Description: End of Records Management Cost Risk 1 Schedule Risk Description BOE Labor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Line Item **Ouantity** Units Type Hours/Unit Total Total Cost & Escalation Cost 101 Analytical Report Management 1.00 each VQ 66.000 66.000 0 66.000 0 0 0 1.00 ea SYS Contingency And Escalation FF 0 0 0 Λ 27.658 27.658 0 27.658 Total for Activity 1HAH101016: 0 66.000 27.658 93.658 0 93.658 Line Item 101 - Analytical Report Management Vendor Name - Source One BOE Vendor Quote - FY06 Management of analytical reports and records. Ouote Received by - R. Stagner Date Received - 4/20/00 Item being guoted - Records Management Other Info -Availability -Units Resources Cost Element Department Curve Quantity A55 SOURCE ONE P170 OTHER ADMINISTRATIVE & PROFE K267S Analytical Laboratory Services Linear 64.000.09 Dollars 0.83117 Target Cut 05/30/00 Factors 1 77000 dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 2.000.00 Dollars Linear Factors ls 2000 dollars Line Item SYS - Contingency And Escalation BOE Cost Element Skill Resources Department Curve

WBS No: Baseline Devl 1HAH1010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101016 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department 15.189.06 Dollars Linear Factors 15189.1 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 12.468.56 Dollars Linear Factors 12468.6 Dollars Activity ID: 1HAH101021 Description: Quality Assurance Cost Risk 1 Schedule Risk Materials/ Sub Total Prime Line Item Description **Ouantity** Units BOELabor Labor Hours Labor Cost Contingency Burden Cost Total Cost & Escalation Type Hours/Unit **Total Total** Cost Cost 101 Analytical Data Examination 1.00 each HC 0 0 590 590 0 103 Analytical Data Assess - 25% Valid. 1.00 each HC Ω 0 Ω 65.054 0 65.054 0 65.054 HC 104 Laboratory Audits 1.00 each 480 480 15.029 19.500 0 34.529 7.169 41.698 105 Analytical Services Proced Devel & Maint 1.00 each HC 196 196 6.140 0 0 6.140 2.929 9.069 Historical Data Qualifiers HC 262.490 0 106 1.00 each 0 0 0 0 262,490 262.490 SYS Contingency And Escalation 1.00 ea EE 0 0 0 20.044 20.044 0 20.044 0 Total for Activity 1HAH101021: 676 21.169 347.635 20.044 388.847 10.097 398.945 Line Item 101 - Analytical Data Examination Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Analytical data examination Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. Resource

ces	Cost Element	Skill	Department	Curve	<b>Ouantity</b>	Units
	A5H SUBCONTRACTED SRVS	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	589.78	Dollars

0.394 Factors 1 1850 hrs ea

0.80913 [SYS 061400] .80704 - System

590

Line Item 103 - Analytical Data Assess - 25% Valid.

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Perform electronic data validation on 25% of the data packages Breakdown of Historical Data: Item - Data validation Units - Data packages Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

BOE

es		Cost Element	Skill			Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	65,054.39	Dollars

12 months 6700 dollars Factors

0.80913 [SYS 061400] .80704 - System

Line Item 104 - Laboratory Audits

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Labor Units - hrs Unit Cost - 32 hrs/ea. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

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WBS No: 1HAH1010 Rocky Flats Closure Project
Activity ID: 1HAH101021 Baseline Cost and Basis of Estimate

Proiect
WBS Filter
Activity Filter

Baseline Devl 1HAH

Starts In FY \*

0.80913 [SYS 061400] .80704 - System

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Offsite lab audits
Breakdown of Historical Data:
Item - Travel
Units - ea.
Unit Cost - 1300.00
Unit Cost Adjustment factor Revised Unit Cost -

#### Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	480.00	Hours
	Factors	15 ea		32 hrs					
Į	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	19.500.00	Dollars

#### Line Item 105 - Analytical Services Proced Devel & Maint

Basis for adjustment -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

1300

dollars

Item Desc - Procedure development/update

Breakdown of Historical Data: Item - Labor

Units - ea.

Unit Cost -

Factors 15

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

### Resources

es		Cost Element	Sk	Skill	Department	Curve	<b>Ouantity</b>	Units
	750 STR	AIGHT TIME BASE	S010 CHEMISTS	K267	'S Analytical Laboratory Services	Linear	196.10	Hours
	Factors 1	ea	1850 hrs	s	0.106			

#### Line Item 106 - Historical Data Qualifiers

BOE

Historical Data Source - Labor/ODCs cost report; 09/01/99 - 01/31/00.

Item Desc - Validation qualifiers Breakdown of Historical Data:

Item - Labor

Units - ea.

Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

ces			Cost Element		Skill		Department	Curve	Quantity	Units	
	A5H	SUBCON	NTRACTED SRV	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	262.490.40	Dollars	
	Factors	1	Is		324409 dollars						

Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	12.076.48	Dollars
	Factors	12076.5 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	7.967.44	Dollars

Factors 7967.44 Dollars

Activity ID: 1HAH101022 Description: Quality Assurance Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Analytical Data Examination	1.00	each	НС	0	0	0	590	0	590	0	590
103	Analytical Data Assess - 25% Valid.	1.00	each	HC	0	0	0	77.677	0	77.677	0	77.677

 WBS No:
 1HAH1010
 Rockv Flats Closure Project
 Project
 Baseline Devi

 Activity ID:
 1HAH101022
 Baseline Cost and Basis of Estimate
 WBS Filter Activity Filter \*
 1HAH

	Daseille Cost and Dasis of E					Activi	v Filter *		Starts In FY *			
104	Laboratory Audits	1.00 each	НС	480	480	15.029	19.500	0	34.529	5.305	39.834	
105	Analytical Services Proced Devel & Maint	1.00 each	HC	196	196	6.140	0	0	6.140	2.167	8.307	
SYS	Contingency And Escalation	1.00 ea	EE	0	0	0	0	18.845	18.845	0	18.845	
		Total for Activity 1HAH1	01022-		676	21 160	97 767	18 845	137 780	7 /73	1/5 253	

#### Line Item 101 - Analytical Data Examination

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Analytical data examination
Breakdown of Historical Data:
Item - labor
Units - ea.
Unit Cost Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es		Cost Element	Skill		Department	Curve	<i>Ouantity</i>	Units
	A5H	SUBCONTRACTED SRVS	S010 CHEMISTS	K267S	Analytical Laboratory Services	Linear	589.78	Dollars

*Factors* 1 ea 1850 hrs 0.394

#### Line Item 103 - Analytical Data Assess - 25% Valid.

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Perform electronic data validation on 25% of the data packages

Breakdown of Historical Data:

Item - Data validation

Units - Data packages

Unit Cost 
Unit Cost 
Unit Cost Adjustment factor 
Revised Unit Cost 
Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

rces	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	K267S Analytical Laboratory Services	Linear	77.676.89	Dollars

Factors 12 months 8000 dollars

#### Line Item 104 - Laboratory Audits

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Labor Units - hrs Unit Cost - 32 hrs/ea. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Travel Units - ea. Unit Cost - 1300.00 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources Cost Element Skill Department Curve Quantity Units

0.80913 [SYS 061400] .80704 - System

0.80913 [SYS 061400] .80704 - System

WBS No: 1HAH1010 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101022 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter

dollars

Daseline Cost and basis of Estimate  Activity Filter * Starts In FY											
750	STRAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	480.00 Hours				
Factors	15 ea		32 hrs								
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	19.500.00 Dollars				

#### 15 Line Item 105 - Analytical Services Proced Devel & Maint

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Procedure development/update

Breakdown of Historical Data: Item - Labor

Units - ea.

Factors

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -

Basis for adjustment -

Resources

Cost Element Skill Curve **Ouantity** Units Department 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services Linear 196.10 Hours

Factors 1 1850 hrs 0.106

1300

#### Line Item SYS - Contingency And Escalation

BOE

Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	12.937.45	Dollars
	Factors	12937.5 Dollars							
		ESCALATION	0000	NONE	ZDEPT	No Department	Linear	5.907.22	Dollars

Factors 5907.22 Dollars

Activity ID: 1HAH101023 Description: Quality Assurance Cost Risk 1 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Analytical Data Examination	1.00	each	НС	0	0	0	590	0	590	0	590
103	Analytical Data Assess - 25% Valid.	1.00	each	HC	0	0	0	92.241	0	92.241	0	92.241
104	Laboratory Audits	1.00	each	HC	480	480	15.029	19.500	0	34.529	5.200	39.729
105	Analytical Services Proced Devel & Maint	1.00	each	HC	196	196	6.140	0	0	6.140	2.124	8.264
SYS	Contingency And Escalation	1.00	) ea	EE	0	0	0	0	38,945	38,945	0	38,945
	itv 1HAH101	023:		676	21.169	112.331	38.945	172.445	7.324	179.769		

#### Line Item 101 - Analytical Data Examination

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Analytical data examination

Breakdown of Historical Data:

Item - Labor Units - ea. Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resource

ces	Cost Element Skill		Skill		Department	Curve	Quantity	Units	
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	589.78	Dollars

0.394 Factors 1 1850 hrs ea

Line Item 103 - Analytical Data Assess - 25% Valid.

Units - Data packages

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Perform electronic data validation on 25% of the data packages Breakdown of Historical Data: Item - Data validation

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0.80913 [SYS 061400] .80704 - System

**Rocky Flats Closure Project** 

Proiect Baseline Devl WBS Filter 1HAH

Starts In FY \*

0.80913 [SYS 061400] .80704 - System

**Baseline Cost and Basis of Estimate** Activity Filter

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resource

BOE

WBS No:

Activity ID:

ces	Cost Element			Skill		Department	Curve	<i>Ouantity</i>	Units
	A5H	SUBCONTRACTED SRVS	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	92.241.30	Dollars

Factors 12 months 9500 dollars

Line Item 104 - Laboratory Audits

1HAH1010

1HAH101023

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Labor

Units - hrs

Unit Cost - 32 hrs/ea.

Unit Cost Adjustment factor -Revised Unit Cost -

Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Offsite lab audits Breakdown of Historical Data:

Item - Travel

Units - ea.

Unit Cost - 1300.00 Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

### Resources

ces		Cost Element			Skill		Department	Curve	Quantity	Units
	750 STR	AIGHT TIME BASE	S010	CHEMIST	S	K267S	Analytical Laboratory Services	Linear	480.00	Hours
	Factors 1	5 ea		32	hrs					
	A5M TRA	VEL/TRAIN/RELOCAT	0000	NONE		K267S	Analytical Laboratory Services	Linear	19.500.00	Dollars
	Factors 15	5 ea		1300	dollars					

#### Line Item 105 - Analytical Services Proced Devel & Maint

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Procedure development/update

Breakdown of Historical Data:

Item - Labor Units - ea.

Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

#### Resource

rces			Cost Element			Skill		Department	Си	rve	Ouantity	Units	
	750	STRAIGH	HT TIME BASE	S010	CHEMIST	-S	K267S	Analytical Laboratory Services	Lin	ear	196.10	Hours	
	Factors	1	ea		1850	hrs		0.106					

#### Line Item SYS - Contingency And Escalation

BOE

#### Resources

es	Cost Element		Skill			Department	Curve	Quantity	Units
	CON	CON CONTINGENCY		NONE	ZDEPT	No Department	Linear	28.146.20	Dollars
ی	Factors	28146.2 Dollars				,			
	ESC	ESCALATION	0000	NONE	7DEPT	No Department	Linear	10 799 14	Dollars

Factors 10799.1 Dollars

Activity ID: 1HAH101024 Description: Quality Assurance

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1 Schedule Risk

Cost Risk

#### WBS No: 1HAH1010 **Rocky Flats Closure Project** Activity ID: 1HAH101024 **Baseline Cost and Basis of Estimate**

Proiect WBS Filter

Baseline Devl 1HAH

			Baseline C	ost an	d Basis of I	Estimate	Act	ivity Filter *		St	arts In FY *	
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
	•			Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Analytical Data Examination	1.00	each	HC	0	0	0	337	0	337	0	337
103	Analytical Data Assess - 25% Valid.	1.00	each	HC	0	0	0	77.677	0	77.677	0	77.677
104	Laboratory Audits	1.00	each	HC	480	480	15.029	19.500	0	34.529	4.238	38.767
105	Analytical Services Proced Devel & Maint	1.00	each	HC	152	152	4.750	0	0	4.750	1.339	6.089
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	17.511	17.511	0	17.511
		Total for Activ	ity 1HAH101	024:		632	19.779	97.514	17.511	134.803	5.578	140.380

#### Line Item 101 - Analytical Data Examination

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Analytical data examination

Breakdown of Historical Data:

Item - Labor Units - ea. Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resource

ces		Cost Element		Skill		Department	Curve	Ouantity	Units	
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	336.80	Dollars	
	г .			1050		0.005				

Factors 1 ea 1850 hrs 0.225

0.80913 [SYS 061400] .80704 - System

#### Line Item 103 - Analytical Data Assess - 25% Valid.

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Perform electronic data validation on 25% of the data packages Breakdown of Historical Data: Item - Data validation Units - Data packages Unit Cost -Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

es			Cost Element			Skill		Department	Curve	Quantity	Units
	A5H	SUBCON	TRACTED SRVS	P170	OTHER A	DMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	77.676.89	Dollars
	Factors	12	months		8000	dollars					

## Line Item 104 - Laboratory Audits

0.80913 [SYS 061400] .80704 - System

#### BOE

```
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Offsite lab audits
Breakdown of Historical Data:
Item - Labor
 Units - hrs
 Unit Cost - 32 hrs/ea.
 Unit Cost Adjustment factor -
 Revised Unit Cost -
Basis for adjustment -
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Offsite lab audits
Breakdown of Historical Data:
Item - Travel
Units - ea.
 Unit Cost - 1300.00
 Unit Cost Adjustment factor -
```

Page 14 of 89 6/23/00 10:22:08 AM OFFICIAL USE ONLY WBS No: 1HAH1010
Activity ID: 1HAH101024

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
HAH1
1HAH
4ctivity Filter
\*\*

Revised Unit Cost -Basis for adjustment -

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	750	STRAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	480.00	Hours
	Factors	15 ea		32 hrs					
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	19.500.00	Dollars

Factors 15 ea 1300 dollars

#### Line Item 105 - Analytical Services Proced Devel & Maint

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Procedure development/update

Breakdown of Historical Data: Item - Labor

Units - ea. Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resources

s	Cost Element	Skill	Department	Curve	Quantity 1	Units
	750 STRAIGHT TIME BASE	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	151.70 Ho	ours

Factors 1 ea 1850 hrs 0.082

#### Line Item SYS - Contingency And Escalation

BOE

Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	5.713.22	Dollars
	Factors	5713.22 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	11.797.50	Dollars

Factors 11797.5 Dollars

Activity ID: 1HAH101025

Description: Quality Assurance

Cost Risk	1	Schedule Risk	1

Starts In FY \*

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Analytical Data Examination	1.00	each	HC	0	0	0	251	0	251	0	251
103	Analytical Data Assess - 25% Valid.	1.00	each	HC	0	0	0	65.054	0	65.054	0	65.054
104	Laboratory Audits	1.00	each	HC	480	480	15.029	19.500	0	34.529	5.230	39.759
105	Analytical Services Proced Devel & Maint	1.00	each	HC	152	152	4.750	0	0	4.750	1.653	6.403
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	59.478	59.478	0	59.478
Total for Activity 1HAH101025:						632	19.779	84.806	59.478	164.062	6.883	170.945

Line Item 101 - Analytical Data Examination

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Analytical data examination

Breakdown of Historical Data:

Item - Labor
Units - ea.
Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resource

rces	Cost Element	Skill	Department	Curve	<i>Ouantity</i>	Units
	A5H SUBCONTRACTED SRVS	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	251.48	Dollars

*Factors* 1 ea 1850 hrs 0.168

Line Item 103 - Analytical Data Assess - 25% Valid.

BOE Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

0.80913 [SYS 061400] .80704 - System

WBS No: 1HAH1010 Rocky Flats Closure Project
Activity ID: 1HAH101025 Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY \*

Item Desc - Perform electronic data validation on 25% of the data packages
Breakdown of Historical Data:
Item - Data validation
Units - Data packages
Unit Cost Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

s		Cost Element	Skill			Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	65.054.39	Dollars

Factors 12 months 6700 dollars

0.80913 [SYS 061400] .80704 - System

#### Line Item 104 - Laboratory Audits

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Labor Units - hrs Unit Cost - 32 hrs/ea. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Travel Units - ea. Unit Cost - 1300.00 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

ces		Cost Element			Skill		Department	Curve	Ouantity	Units
	750 STR	AIGHT TIME BASE	S010	CHEMIST	S	K267S	Analytical Laboratory Services	Linear	480.00	Hours
	Factors 1	i ea		32	hrs					
	A5M TRA	VEL/TRAIN/RELOCAT	0000	NONE		K267S	Analytical Laboratory Services	Linear	19.500.00	Dollars
	Factors 15	i ea		1300	dollars					

#### Line Item 105 - Analytical Services Proced Devel & Maint

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Procedure development/update

Breakdown of Historical Data:

Item - Labor

Units - ea.

Unit Cost 
Unit Cost 
Unit Cost Adjustment factor 
Revised Unit Cost 
Basis for adjustment -

## Resources

es	Cost Element	Skill	Department	Curve	Ouantity Units
	750 STRAIGHT TIME BASE	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	151.70 Hours
	Factors 1 ea	1850 hrs	0.082		

#### Line Item SYS - Contingency And Escalation

BOE

#### Resources

ces		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units	
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	42.209.71	Dollars	
	Factors	42200 7 Dollars								

WBS No: 1HAH1010 Baseline Devl Proiect Rocky Flats Closure Project Activity ID: 1HAH101025 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY ESC ESCALATION 0000 NONE ZDEPT No Department 17.268.01 Dollars Linear Factors 17268.0 Dollars Activity ID: 1HAH101031 Description: Contract Oversight Cost Risk 1 Schedule Risk BOELabor Hours Labor Cost Materials/ Sub | Contingency Total Prime Line Item Description **Ouantity** Units Labor Burden Cost Total Cost Hours/Unit & Escalation TypeTotal **Total** Cost Cost 101 Contract Management - CTR's 1.00 each HC 8.325 8.325 271.108 271.108 129.319 400.427 102 Contract Management - SA's 1.00 each HC 1.850 1.850 48.525 0 48.525 23.147 71.672 103 SOW Development & Maintenance 1.00 each HC 463 463 14.481 0 14.481 6.907 21.388 104 AVP Operations & Maintenance 1.00 each HC 0 59.200 Λ 59.200 Λ 59.200 Λ Λ 105 Accounts Payable / Accrual Processing 1.00 each HC 0 0 0 59.200 0 59.200 0 59.200 SYS Contingency And Escalation 1.00 ea FF 0 0 0 32.369 32.369 0 32.369 10.638 484.884 159.373 Total for Activity 1HAH101031: 334.115 118.400 32.369 644.256 Line Item 101 - Contract Management - CTR's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Contract Technical Representatives (CTRs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve. Quantity Units 925.00 Hours 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear Factors 1 ea 1850 hrs/vr ea 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services 7.400.00 Hours Linear Factors 4 1850 hrs/vr Line Item 102 - Contract Management - SA's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Subcontractor Administrators (SAs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources 750 STRAIGHT TIME BASE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 1.850.00 Hours Factors 1850 hrs/yr Line Item 103 - SOW Development & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Statement of Work (SOW) development & maintenance Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve **Ouantity** Units 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services 462.50 Hours Linear 0.25 Factors 1 1850 hrs/vr

Line Item 104 - AVP Operations & Maintenance

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

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Proiect Baseline Devl **Rocky Flats Closure Project** WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter

Starts In FY

Item Desc - Automated Vendor Payment (AVP) sytem; electronic processing of Analytical Services subcontractor invoices. Breakdown of Historical Data: Item - Labor Units - ea.

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources Cost Element Skill Department Curve Units A52 TENERA P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 59.200.00 Dollars

#### Factors 1 ea Line Item 105 - Accounts Payable / Accrual Processing

BOE

WBS No:

Activity ID:

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Processing of the site projects estimated incurred costs for analytical services.

Breakdown of Historical Data:

Item - Labor Units - ea. Unit Cost -

1HAH1010

1HAH101031

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

#### Resource

ces	Cost Element	Skill	Department	Curve	Ouantity Units
	A52 TENERA	P170 OTHER ADMINISTRATIVE & PROFE	K267S Analytical Laboratory Services	Linear	59.200.00 Dollars
	Factors 1 ea	1850 hrs/yr	0.5 ea	64 dollars	

#### Line Item SYS - Contingency And Escalation

BOE

#### Resources

es	Cost Element Skill			Department	Curve	<b>Ouantity</b>	Units		
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	19.502.33	Dollars
	Factors	19502.3 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	12.866.62	Dollars

0000 NONE ZDEPT No Department ESC ESCALATION Factors 12866.6 Dollars

Activity ID: 1HA	H101032 Description: Contract Oversight							Cost Risk	1 Schedule F	isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Contract Management - CTR's	1.00	each	HC	8.325	8.325	271.108	0	0	271.108	95.701	366.809
102	Contract Management - SA's	1.00	each	HC	1.850	1.850	48.525	0	0	48.525	17.130	65.655
103	SOW Development & Maintenance	1.00	each	HC	463	463	14.481	0	0	14.481	5.112	19.593
104	AVP Operations & Maintenance	1.00	each	HC	0	0	0	59.200	0	59.200	0	59.200
105	Accounts Pavable / Accrual Processing	1.00	each	HC	0	0	0	59.200	0	59.200	0	59.200
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	85.043	85.043	0	85.043
	То	al for Activ	ity 1HAH101	032:		10.638	334.115	118.400	85.043	537.557	117.942	655.500

## Line Item 101 - Contract Management - CTR's

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Contract Technical Representatives (CTRs)

Breakdown of Historical Data:

Item - Labor Units - ea.

Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

#### Resources

s	Cost Element	Skill	Department	Curve	Quantity Units
	750 STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K267S Analytical Laboratory Services	Linear	925.00 Hours
	Factors 1 ea	1850 hrs/vr	0.5 ea		

64

dollars

WBS No: 1HAH1010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HAH101032 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services 7.400.00 Hours Linear Factors 4 1850 hrs/vr Line Item 102 - Contract Management - SA's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Subcontractor Administrators (SAs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources 750 STRAIGHT TIME BASE OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 1.850.00 Hours hrs/vr Factors Line Item 103 - SOW Development & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Statement of Work (SOW) development & maintenance Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Quantity Units 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services Linear 462.50 Hours Factors 1 1850 hrs/vr 0.25 ea ea Line Item 104 - AVP Operations & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Automated Vendor Payment (AVP) sytem; electronic processing of Analytical Services subcontractor invoices. Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Units A52 TENERA P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 59.200.00 Dollars Factors 1850 hrs/yr 0.5 64 dollars Line Item 105 - Accounts Payable / Accrual Processing Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Processing of the site projects estimated incurred costs for analytical services. Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -

Skill

hrs/vr

1850

P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services

# A52 TENERA Factors 1 ea Line Item SYS - Contingency And Escalation

Revised Unit Cost -Basis for adjustment -

Cost Element

BOE

Resources

64

Curve

Linear

dollars

Department

ea

0.5

Units

Ouantity

59.200.00 Dollars

WBS No: Proiect Baseline Devl 1HAH1010 Rocky Flats Closure Project Activity ID: 1HAH101032 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY Units Resources Cost Element Skill Department Curve CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 58.384.50 Dollars Factors 58384.5 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 26.658.28 Dollars Linear 26658.3 Dollars Factors Activity ID: 1HAH101033 Description: Contract Oversight Cost Risk 1 Schedule Risk BOE Materials/ Sub Total Prime Line Item Description **Ouantity** Units Labor Labor Hours Labor Cost Contingency Burden Cost Total Cost TypeHours/Unit **Total Total** Cost & Escalation Cost Contract Management - CTR's 101 1.00 each HC 4.625 4.625 155.261 155.261 53.720 208.982 Λ n 102 Contract Management - SA's 1.00 each HC 1.850 1.850 48.525 0 0 48.525 16.790 65.315 103 SOW Development & Maintenance 1.00 each HC 463 463 14.481 0 0 14.481 5.010 19.491 104 AVP Operations & Maintenance HC 14.800 1.00 each 0 0 0 14.800 0 14.800 Λ 105 Accounts Payable / Accrual Processing 1.00 each HC 0 0 0 14.800 0 14.800 0 14.800 SYS Contingency And Escalation 1.00 ea FF Λ 0 Ω 89.434 89.434 0 89.434 Λ 6.938 29.600 75.521 Total for Activity 1HAH101033: 218.268 89.434 337.302 412.822 Line Item 101 - Contract Management - CTR's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Contract Technical Representatives (CTRs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Units Resources Skill **Ouantity** Cost Element Department Curve 925.00 Hours 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear 1850 hrs/vr 0.5 ea 3.700.00 Hours 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services Linear Target Cut 05/30/00 Factors 4 ea 1850 hrs/vr 0.5 Line Item 102 - Contract Management - SA's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Subcontractor Administrators (SAs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Department Curve Quantity Units 750 STRAIGHT TIME BASE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 1.850.00 Hours Factors 1 1850 hrs/yr Line Item 103 - SOW Development & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Statement of Work (SOW) development & maintenance Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Cost Flement Skill Department Resources

WBS No: 1HAH1010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HAH101033 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services 462.50 Hours Linear Factors 1 1850 hrs/vr 0.25 Line Item 104 - AVP Operations & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Automated Vendor Payment (AVP) sytem; electronic processing of Analytical Services subcontractor invoices. Breakdown of Historical Data: Item - Labor

Units - ea. Unit Cost -Unit Cost Adju

Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources

es	Cost Element			Skill			Department		Curve	Ouantity	Units
	A52	TENERA	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytica	al Laboratory Services		_inear	14.800.00	Dollars
	Enstana	1 00	=	1950 broker		0.5	00	64	dollara	•	

actors 1 ea 1850 hrs/yr 0.5 ea 64 dollars 0.25 Target Cut 05/30/00

#### Line Item 105 - Accounts Payable / Accrual Processing

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Processing of the site projects estimated incurred costs for analytical services.

Breakdown of Historical Data:

Item - Labor

Units - ea.

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources

s	Cost Element Sk		Skill	Departmen	nt	Curve	Quantity	Units
	A52 TENERA	P170	OTHER ADMINISTRATIVE & PROFE	K267S Analytical Laboratory	Services	Linear	14.800.00	Dollars
	Factors 1 ea		1850 hrs/vr	0.5 ea		64 dollars		

0.25 Target Cut 05/30/00

#### Line Item SYS - Contingency And Escalation

BOE

es		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	64.634.87	Dollars
	Factors	64634.9 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	24.799.11	Dollars

Factors 24799.1 Dollars

<b>Activity ID:</b>	1HAH101034	Description: Contract Oversight				Cost Risk	1 Schedule Ris	<i>sk</i> 1

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Contract Management - CTR's	1.00	each	HC	4.625	4.625	155.262	0	0	155.262	43.784	199.046
102	Contract Management - SA's	1.00	each	HC	1.850	1.850	48.525	0	0	48.525	13.684	62.210
103	SOW Development & Maintenance	1.00	each	HC	463	463	14.481	0	0	14.481	4.084	18.564
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39.878	39.878	0	39.878
	Tot	al for Activi	ty 1HAH101	034:		6.938	218.268	0	39.878	258.147	61.552	319.698

## Line Item 101 - Contract Management - CTR's

Basis for adjustment -

BOE

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Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Contract Technical Representatives (CTRs)
Breakdown of Historical Data:
Item - Labor
Units - ea.
Unit Cost -
Unit Cost -
Unit Cost Adjustment factor -
Revised Unit Cost -
```

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WBS No: Baseline Devl 1HAH1010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101034 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY Units Resources Cost Element Skill Department Curve 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear 925.00 Hours 1850 hrs/vr ea Analytical Laboratory Services 3.700.02 Hours 750 STRAIGHT TIME BASE CHEMISTS Linear 3 1850 hrs/vr 0.66667 Target Cut 05/30/00 Factors ea Line Item 102 - Contract Management - SA's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Subcontractor Administrators (SAs) Breakdown of Historical Data: Item - Labor Units - ea Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Curve Units Department 750 STRAIGHT TIME BASE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 1.850.00 Hours Factors 1 ea hrs/yr Line Item 103 - SOW Development & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Statement of Work (SOW) development & maintenance Breakdown of Historical Data: Ttem - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Units Resources Cost Element Skill Department Curve **Ouantity** 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services Linear 462.50 Hours Factors 1 1850 0.25 hrs/vr ea Line Item SYS - Contingency And Escalation BOE Units Resources Cost Element Skill Denartment Curve CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 13.011.12 Dollars Factors 13011.1 Dollars ZDEPT No Department 26.867.26 Dollars ESC ESCALATION 0000 NONE Linear 26867.3 Dollars Factors Activity ID: 1HAH101035 Description: Contract Oversight Cost Risk 1 Schedule Risk Line Item Description Quantity Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost 101 Contract Management - CTR's 1.00 each HC 4.625 4.625 155.261 0 155.261 54.031 209.292 Λ Contract Management - SA's HC 48.525 65.412 102 1.00 each 1.850 1.850 48.525 0 0 16.887 103 SOW Development & Maintenance 1.00 each HC 463 463 14.481 0 0 14.481 5.039 19.520 FF

Λ

0

218.268

6.938

Line Item 101 -	Contract Managem	ent - CTR's
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BOE

SYS

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

1.00 ea

Total for Activity 1HAH101035:

Item Desc - Contract Technical Representatives (CTRs)

Breakdown of Historical Data:

Contingency And Escalation

Item - Labor Units - ea. Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

0

156.995

156.995

156.995

375.263

0

75.957

156.995

451.220

WBS No: 1HAH1010 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101035 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY Basis for adjustment -Resources Cost Element Department Curve Units 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear 925.00 Hours 0.5 1850 hrs/vr Factors 1 ea ea 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services Linear 3.700.00 Hours Factors 2 1850 hrs/vr Line Item 102 - Contract Management - SA's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Subcontractor Administrators (SAs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Curve Units Department 750 STRAIGHT TIME BASE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 1.850.00 Hours Factors 1850 hrs/yr Line Item 103 - SOW Development & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Statement of Work (SOW) development & maintenance Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve **Ouantity** Units 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services 462.50 Hours Linear

Factors 1 ea

Line Item SYS - Contingency And Escalation

BOE

BOE

Resources	Cost Element	Skill	Department	Curve	Ouantity Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	111.415.10 Dollars
	Factors 111415 Dollars				
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	45.579.97 Dollars

0.25

62

hrs/yr

1850

Factors 45580 Dollars

Activity ID: 1HA	MH101041 Description: Project / Program Managem	ent						Cost Risk	1 Schedule R	isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Planning & Reporting	1.00	ea	HC	0	0	0	118.400	0	118.400	0	118.400
102	Proiect / Program Management	1.00	ea	HC	2.775	2.775	138.297	18.800	0	157.097	65.968	223.064
103	Lessons Learned Program	12.00	mo	HC	5	60	1.574	0	0	1.574	751	2.325
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	18.186	18.186	0	18.186
	al for Activ	tv 1HAH101	041:		2.835	139.871	137.200	18.186	295.257	66.718	361.975	

Line Item 101 - Planning & Reporting

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Planning & Reporting, Technical Services
Breakdown of Historical Data:
Item - Labor
Units - ea.
Unit Cost Unit Cost Adjustment factor -

Baseline Devl Proiect **Rocky Flats Closure Project** WBS Filter 1HAH

Starts In FY

Linear

118.400.00 Dollars

**Baseline Cost and Basis of Estimate** Activity Filter

	Revised Unit Cost - Basis for adjustment -						
Resources	Cost Element	Skill	Department	Curve	Ouantity	Units	

A52 TENERA P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services dollars Factors 1 EΑ 64

#### Line Item 102 - Project / Program Management

1HAH1010

1HAH101041

BOE

WBS No:

Activity ID:

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Supplies Units - dollars Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Travel Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -

#### Resources

Cost Element	Skill	Department	Curve	Ouantity Units
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72	2) K267S Analytical Laboratory Services	Linear	1.850.00 Hours
Factors 1 ea	1850 hrs/vr			
750 STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATO	ORS (GR K267S Analytical Laboratory Services	Linear	925.00 Hours
Factors 1 ea	1850 hrs/vr	0.5 ea		
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	3.600.00 Dollars
Factors 12 months	300 dollars			
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	3.000.00 Dollars
Factors 6 ea	500 dollars			
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	4.400.00 Dollars
Factors 2 ea	2200 dollars			
A5M TRAVEL/TRAIN/RELOCAT	0000 NONE	K267S Analytical Laboratory Services	Linear	7.800.00 Dollars
Factors 6 ea	1300 dollars			

## Line Item 103 - Lessons Learned Program

Basis for adjustment -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Administration of Lessons Learned Program Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

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WBS No: 1HAH1010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HAH101041 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Resources Cost Element Department Curve 750 STRAIGHT TIME BASE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear Factors 1 hrs/month

Line Item SYS - Contingency And Escalation

BOE

Resources

s	Cost Element		Skill		Department			Quantity	Units
	CON CONTINGENCY	0000	NONE	ZDEP	No Department		Linear	10.957.38	Dollars
	Factors 10957.4 Dollars								
	ESC ESCALATION	0000	NONE	ZDEP	No Department		Linear	7.229.11	Dollars

Factors 7229.11 Dollars

ACTIVITY ID: THA	Description: Project / Program Managem		Cost Risk   1 Schedule Risk   1									
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Planning & Reporting	1.00	ea	HC	0	0	0	118.400	0	118.400	0	118.400
102	Proiect / Program Management	1.00	ea	HC	2.775	2.775	138.297	18.800	0	157.097	48.819	205.916
103	Lessons Learned Program	12.00	mo	HC	5	60	1.574	0	0	1.574	556	2.129
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	48.666	48.666	0	48.666
Total for Activity 1HAH1010						2.835	139.871	137.200	48.666	325.736	49.374	375.111

Line Item 101 - Planning & Reporting

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Planning & Reporting, Technical Services

Breakdown of Historical Data:

Item - Labor
Units - ea.

Unit Cost Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

Resources

es		(	Cost Element			Skill			Department	Curve	Quantity	Units
	A52	TENERA		P170	OTHER A	DMINISTRATIVE & PROFE	K267S	Analytica	al Laboratory Services	Linear	118.400.00	Dollars
	Factors	1	EA		1850	hrs/vr		64	dollars			

Line Item 102 - Project / Program Management

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Supplies Units - dollars Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Travel Units - ea.

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Cont Dial.

1 Caladala Diela

Starts In FY

Units

5.00 Hours

Proiect **Rocky Flats Closure Project Baseline Cost and Basis of Estimate** 

Baseline Devl WBS Filter 1HAH Activity Filter

Starts In FY \*

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

WBS No:

Activity ID:

S Cost Element	Skill	Department	Curve	Quantity Units
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K267S Analytical Laboratory Services	Linear	1.850.00 Hours
Factors 1 ea	1850 hrs/vr			
750 STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K267S Analytical Laboratory Services	Linear	925.00 Hours
Factors 1 ea	1850 hrs/vr	0.5 ea		
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	3.000.00 Dollars
Factors 6 ea	500 dollars			
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	4.400.00 Dollars
Factors 2 ea	2200 dollars			
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	3.600.00 Dollars
Factors 12 months	300 dollars			
A5M TRAVEL/TRAIN/RELOCAT	0000 NONE	K267S Analytical Laboratory Services	Linear	7.800.00 Dollars
Factors 6 ea	1300 dollars			

#### Line Item 103 - Lessons Learned Program

1HAH1010

1HAH101042

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Administration of Lessons Learned Program

Breakdown of Historical Data:

Item - Labor Units - ea. Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

#### Resource

ces		Cost Element		Skill			Department	Curve	<b>Ouantity</b>	Units
	750	STRAIGHT TIME BASE	P170 C	OTHER AI	DMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	5.00	
	Factors	1 ea		5	hrs/month					

## Line Item SYS - Contingency And Escalation

BOE

#### Resources

ces		Cost Element		Skill		Department	Curve	Ouantity	Units
Į	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	33.410.61	Dollars
_	Factors	33410.6 Dollars							
L	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	15.255.24	Dollars

15255.2 Dollars

Activity ID: 1HAH101043	Description: Project / Program Management	
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Activity ID: 1H/	AH101043 Description: Project / Program Managem	nent						Cost Risk 1 Schedule Risk 1				
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Planning & Reporting	1.00	ea	НС	0	0	0	118.400	0	118.400	0	118.400
102	Proiect / Program Management	1.00	ea	HC	2.775	2.775	138.297	18.800	0	157.097	47.851	204.947
103	Lessons Learned Program	12.00	mo	HC	5	60	1.574	0	0	1.574	545	2.118
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	90.009	90.009	0	90.009
	al for Activ	ity 1HAH101	043:		2.835	139.871	137.200	90.009	367.079	48.395	415.474	

## Line Item 101 - Planning & Reporting

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Planning & Reporting, Technical Services Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment - WBS No:1HAH1010Rocky Flats Closure ProjectProjectBaseline DeviActivity ID:1HAH101043Baseline Cost and Basis of EstimateWBS Filter<br/>Activity Filter1HAH

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A52 TENERA	P170 OTHER ADMINISTRATIVE & PROFE	K267S Analytical Laboratory Services	Linear	118.400.00	Dollars

Factors 1 EA 1850 hrs/yr 64 dollars

## Line Item 102 - Project / Program Management

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Supplies Units - dollars Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Travel Units - ea. Unit Cost -Unit Cost Adjustment factor -

#### Resources

BOE

		s for adjustment -								
es		Cost Element			Skill		Department	Curve	Quantity	Units
Ĺ	750	STRAIGHT TIME BASE	M020	MANAGE	RS (GRADE 69 - 72)	K267S	Analytical Laboratory Services	Linear	1.850.00	Hours
-	Factors	1 ea		1850	hrs/yr					
	750	STRAIGHT TIME BASE	M030	MANAGE	MENT INTEGRATORS (GR	K267S	Analytical Laboratory Services	Linear	925.00	Hours
_	Factors	1 ea		1850	hrs/yr		0.5 ea			
	A5C	SUPPLIES	0000	NONE		K267S	Analytical Laboratory Services	Linear	3,000.00	Dollars
_	Factors	6 ea		500	dollars					
	A5C	SUPPLIES	0000	NONE		K267S	Analytical Laboratory Services	Linear	4,400.00	Dollars
_	Factors	2 ea		2200	dollars					
	A5C	SUPPLIES	0000	NONE		K267S	Analytical Laboratory Services	Linear	3,600.00	Dollars
	Factors	12 months		300	dollars					
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE		K267S	Analytical Laboratory Services	Linear	7.800.00	Dollars
	Factors	6 ea		1300	dollars					

#### Line Item 103 - Lessons Learned Program

Revised Unit Cost -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Administration of Lessons Learned Program

Breakdown of Historical Data:

Item - Labor
Units - ea.

Unit Cost Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

Resources	Cont Florent	CL:11	Department	C	0	T 724
Resources	Cost Element	Skill	Depariment	Curve	Quantity	Unus

Starts In FY

WBS No: 1HAH1010 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH101043 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services 750 STRAIGHT TIME BASE 5.00 Hours Linear Factors 1 hrs/month Line Item SYS - Contingency And Escalation BOE Cost Element Resources Skill Curve Units Department CON CONTINGENCY 0000 NONE ZDEPT No Department 65.050.11 Dollars Linear 65050.1 Dollars ESC ESCALATION ZDEPT No Department 24.958.43 Dollars 0000 NONE Linear 24958.4 Dollars Factors Activity ID: 1HAH101044 Description: Project / Program Management Cost Risk 1 Schedule Risk Labor Cost BOE Materials/ Sub Total Prime Line Item Description **Ouantity** Units Labor Labor Hours Contingency Burden Cost Total Cost Hours/Unit & Escalation Type**Total Total** Cost Cost 101 Planning & Reporting 1.00 ea HC 0 0 118.400 0 118.400 0 118.400 HC 102 Project / Program Management 1.00 ea 2.775 2.775 138.297 11.400 0 149.697 39.000 188.696 103 essons Learned Program 12.00 mo HC 60 1.574 0 1.574 444 2.018 5 SYS Contingency And Escalation 1.00 ea FF Λ 0 0 44.053 44.053 0 44.053 Λ Total for Activity 1HAH101044: 2.835 139.871 129.800 44.053 313.724 39.443 353.167 Line Item 101 - Planning & Reporting Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Planning & Reporting, Technical Services Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Skill Resources Cost Element Department Curve Quantity Units A52 TENERA P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 118.400.00 Dollars Factors 1 FΑ 1850 hrs/vr dollars Line Item 102 - Project / Program Management Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Supplies Units - dollars Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data:

Item - Travel
Units - ea.
Unit Cost -

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WBS No: 1HAH1010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HAH101044 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY \* Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Department Curve Units 750 STRAIGHT TIME BASE M020 MANAGERS (GRADE 69 - 72) K267S Analytical Laboratory Services 1.850.00 Hours Linear 1850 hrs/vr Factors 1 ea 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear 925.00 Hours Factors 1 ea 1850 hrs/vr ea A5C SUPPLIES 3.600.00 Dollars 0000 NONE K267S Analytical Laboratory Services Linear Factors 12 months 300 dollars A5M TRAVEL/TRAIN/RELOCAT 0000 NONE K267S Analytical Laboratory Services 7.800.00 Dollars Linear Factors 6 1300 dollars Line Item 103 - Lessons Learned Program Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Administration of Lessons Learned Program Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Curve Department P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services 750 STRAIGHT TIME BASE Linear 5.00 Hours Factors hrs/month Line Item SYS - Contingency And Escalation BOE Resources Units CON CONTINGENCY 0000 NONE ZDEPT No Department 14,373.24 Dollars Linear Factors 14373.2 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 29 679 98 Dollars Linear Factors 29680 Dollars Activity ID: 1HAH101045 Description: Project / Program Management 1 Schedule Risk Cost Risk Line Item Description Quantity Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Type Hours/Unit Total Total Cost & Escalation Cost HC 101 Planning & Reporting 1.00 ea 0 0 118.400 118.400 0 118.400 Project / Program Management HC 2.775 2.775 138.297 48.127 102 1.00 ea 11.400 0 149.697 197.824 103 Lessons Learned Program 12.00 mo HC 5 60 1.574 0 1.574 548 2.121 0 SYS Contingency And Escalation 1.00 ea FF 0 0 0 169.866 169.866 0 169.866 Total for Activity 1HAH101045: 2.835 139.871 129.800 169.866 439.536 48.675 488.211 Line Item 101 - Planning & Reporting Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Pasourcas	Cost Flowant	Çl <sub>i</sub> II	Danartmant	Curva	Quantity	Unite	
	Basis for adjustment -						
	Revised Unit Cost -						
	Unit Cost Adjustment factor -						
	Unit Cost -						
	Units - ea.						
	Item - Labor						
	Breakdown of Historical Data:						
502	Item Desc - Planning & Reporting, Te	chnical Services					
BOE	mistorical Data Source - Labor/ODCS	COSt report, 10/01/96-09/27/99					

P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services

A52 TENERA

Factors	1	EA	1850	hrs/yr	64	dollars

Linear

118.400.00 Dollars

*WBS No:* 1HAH1010 Activity *ID:* 1HAH101045

## Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY \*

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Line Item 102 - Project / Program Management
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BOE
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Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Project/Program management & Integration
Breakdown of Historical Data:
Item - Labor
Units - ea.
 Unit Cost -
 Unit Cost Adjustment factor -
 Revised Unit Cost -
Basis for adjustment -
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Project/Program management & Integration
Breakdown of Historical Data:
Item - Supplies
Units - dollars
Unit Cost -
 Unit Cost Adjustment factor -
 Revised Unit Cost -
Basis for adjustment -
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Project/Program management & Integration
Breakdown of Historical Data:
Item - Travel
 Units - ea.
 Unit Cost -
Unit Cost Adjustment factor -
Revised Unit Cost -
Basis for adjustment -
```

#### Resources

s		Cost Element		. Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K267S	Analytical Laboratory Services	Linear	1.850.00 H	Hours
	Factors	1ea		1850 hrs/vr					
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S	Analytical Laboratory Services	Linear	925.00 H	Hours
	Factors	1 ea	•	1850 hrs/vr		0.5 ea			,
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	3.600.00	Oollars
	Factors	12 months		300 dollars					
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	7.800.00	Oollars
	Factors	6 ea		1300 dollars					

#### Line Item 103 - Lessons Learned Program

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Administration of Lessons Learned Program
Breakdown of Historical Data:
Item - Labor
Units - ea.
Unit Cost Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

#### Resources

ces		Cost	Element			Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TI	ME BASE	P170	OTHER A	OMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	5.00	Hours
	Factors	1 e	а		5	hrs/month					

#### Line Item SYS - Contingency And Escalation

BOE

#### Resources

es		Cost Element	Skill			Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	120.549.00	Dollars
	Factors	120549 Dollars							

Rockv Flats Closure Proiect

Baseline Cost and Basis of Estimate

Proiect
WBS Filter
1HAH
Activity Filter
\*

ESC ESCALATION 0000 NONE ZDEPT No Department Linear 49.316.64 Dollars

Factors 49316.6 Dollars

Activity ID: 1HA	AH101046 Description: Project / Program Managem	ent						Cost Risk 1 Schedule Risk 1				
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
102	Proiect / Program Management	1.00	ea	HC	463	463	24.721	300	0	25.021	30.778	55.798
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	21.912	21.912	0	21.912
	al for Activi	tv 1HAH101	046·		463	24 721	300	21 912	46 932	30 778	77 710	

#### Line Item 102 - Project / Program Management

1HAH1010

1HAH101045

BOE

WBS No:

Activity ID:

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Project/Program management & Integration
Breakdown of Historical Data:
Item - Labor
Units - ea.
Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Project/Program management & Integration

Breakdown of Historical Data:

Item - Supplies
Units - dollars
Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Project/Program management & Integration

Breakdown of Historical Data:

Item - Travel Units - ea. Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

#### Resources

es	Cost Element			Skill		Department	Curve	Quantity	Units
L	750	STRAIGHT TIME BASE	M020 MANAG	ERS (GRADE 69 - 72)	K267S	Analytical Laboratory Services	Linear	462.50	Hours
_	Factors	1 ea	1850	hrs/vr		0.25 ea			
L	A5C	SUPPLIES	0000 NONE		K267S	Analytical Laboratory Services	Linear	300.00	Dollars
	Factors	3 months	100	dollars					

## Line Item SYS - Contingency And Escalation

BOE

## Resources

6	Cost Element		Skill		Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	11.502.71	Dollars
Factors	11502.7 Dollars							
FSC	ESCALATION	0000	NONE	ZDFPT	No Department	Linear	10.408.82	Dollars

Factors 10408.8 Dollars

Activity ID: 1HAH1010P2	Description: FY00 Laboratory Management and Integration
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Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
OPNCIN2458	API-Project Interface/(WADS)	1.00	Is	HC	0	0	0	138.803	0	138.803	0	138.803
OPNCIN2461	API-Project Interface/Rad Eng. Support	937.50	hr	HC	0	339	11.585	0	0	11.585	5.654	17.239
OPNCIN2462	QA-Analytical Data Examination	2.930.00	ea	HC	0	0	0	12.941	0	12.941	0	12.941

1 Schedule Risk

Cost Risk

WBS No: Baseline Devl 1HAH1010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH1010P2 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** 

			OUUL UII	u	otimato	Activity Filter *			Stari		
OPNCIN2470	Rcd Mamt-Analytical Report Management	1.00 ea	HC	0	0	0	100.422	0	100.422	0	100.422
OPNCIN2478	Data Mamt-AST Maintenance/Upgrade	1.00 ea	HC	0	0	0	16.526	0	16.526	0	16.526
OPNCIN2479	Data Mamt-AST Consult/Troubleshoot	1.00 ea	HC	0	0	0	94.485	0	94.485	0	94.485
OPNCIN2489	QA-Procedure develop/update	2.00 ea	HC	0	0	0	5.490	0	5.490	0	5.490
OPNCIN2493	QA-Data validation qualifiers for RFEDS data	1.00 ea	HC	0	0	0	21.948	0	21.948	0	21.948
OPNCIN2494	QA-Data Assess/25% validation	6.060.00 ea	HC	0	0	0	61.222	0	61.222	0	61.222
OPNCIN2497	Contr.oversight-SOW Maint.&Develop	12.00 ea	HC	83	991	31.034	24.134	0	55.168	15.145	70.313
OPNCIN2502	Contr. oversight-Contr. Mangt.	20.00 ea	HC	0	0	0	145.258	0	145.258	0	145.258
OPNCIN2503	Contr. oversight- Invoice verification	20.00 ea	HC	4	87	2.714	36.579	0	39.293	1.325	40.618
OPNCIN2504	QA-Lab audits/offsite	20.00 ea	HC	0	0	0	72.922	0	72.922	0	72.922
OPNCIN2505	Contr. oversight- Transf. Sampling/Lab costs	1.00 ls	HC	0	0	0	1.792	0	1.792	0	1.792
OPNCIN2507	QA-Lab audits/Hot/Mixed lab	1.00 ea	HC	0	0	0	2.064	0	2.064	0	2.064
OPNCIN2512	Pram/Proi Mamt-Monthly financial reporting	12.00 mo	HC	29	347	18.536	53.689	0	72.225	9.045	81.270
OPNCIN2519	Pram/Proi Mamt -Supplies	1.00 ea	HC	0	0	0	15.106	0	15.106	0	15.106
OPNCIN3931	Strategic planning- Dir.of Analytical Services	1.00 ea	HC	668	668	35.720	0	0	35.720	17.431	53.151
OPNCIN3932	Strategic planning-Secretary to Director	1.00 ea	HC	668	668	11.100	0	0	11.100	5.417	16.517
		Total for Activity 1HAH10	010P2:		3.100	110.690	803.381	0	914.070	54.017	968.087

#### Line Item OPNCIN2458 - API-Project Interface/(WADS)

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project Integration

Breakdown of Historical Data: Item - Project integration Units - Lump sum Unit Cost - 5,489hrs x 70.00

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

#### Resource

ces	Cost Element	Skill	Department	Curve	Quantity Units
	A5H SUBCONTRACTED SRVS	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	138.802.50 Dollars

384246 d 0.67401 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor Factors

#### Line Item OPNCIN2461 - API-Project Interface/Rad Eng. Support

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Review & approve PRE's Breakdown of Historical Data: Item - Review & approve PRE's Units - Hours Unit Cost - 41.94 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources

ces			Cost Element		Skill		Department	Curve	Ouantity	Units
	750	STRAIGH	T TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.36	Hours
	Factors	1	ea		0.67401 January 2000 Earned Val	ue Factor	0.53595 FY00 May Earned Value Factor			

Factors 1 ea

Line Item OPNCIN2462 - QA-Analytical Data Examination

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Analytical data examination Breakdown of Historical Data:

Item - Data examination

Units - RINs

Unit Cost - .156 hrs/RIN x 70.00/hr = 10.93/RIN

Unit Cost Adjustment factor -Revised Unit Cost -

Basis for adjustment -

Resources	Cost Element	Skill	Department	Curve	Ouantity	Units
	A5H SUBCONTRACTED SRVS	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	4.42	Dollars
	Factors 10.93 d	0.754 January 2000 Earned Value	Factor 0.53595 FY00 May Earned Value Factor			

WBS No: 1HAH1010 Activity ID: 1HAH1010P2

## **Rocky Flats Closure Project Baseline Cost and Basis of Estimate**

Baseline Devl Proiect WBS Filter 1HAH Activity Filter

Starts In FY \*

Line Item OPNCIN2470 - Rcd Mgmt-Analytical Report Management

BOE

Historical Data Source - Vendor quote by SourceOne for FY99 work scope.

Item Desc - Management of analytical reports/records.

Breakdown of Historical Data:

Item - RINs (Report Identification Numbers)

Units - Each

Unit Cost - Lump Sum

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resource

rces		Cost Element		Skill	Department	Curve	Quantity	Units
	A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	K267S Analytical Laboratory Services	Linear	100.421.60	Dollars

Factors 278000 Dollars/ea January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor

Line Item OPNCIN2478 - Data Mgmt-AST Maintenance/Upgrade

BOE

Historical Data Source - Vendor quote by Tenera/Enabling Technologies Inc. for FY99 Item Desc - Database maintenance

Breakdown of Historical Data: Item - Database maintenance

Units - each

Unit Cost - 45,750.00

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resources

ces	Cost Element	Skill	Department	Curve	Quantity Units
	A59 DYNCORP I&ET	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	16.526.22 Dollars
	Factors 45750 Dollars/ea	0.674 January 2000 Earned Valu	e Factor 0.53595 FY00 May Earned Value Factor		

Factors 45750 Dollars/ea

Line Item OPNCIN2479 - Data Mgmt-AST Consult/Troubleshoot

BOE

Historical Data Source - Vendor quote by Tenera/Enabling Technologies Inc. for FY99

Item Desc - Programming support for the Analytical Services Tracking (AST) System.

Breakdown of Historical Data: Item - Programming support

Units - Each

Unit Cost - 200,000.00

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

Resources

es		Cost Element		Skill		Department	Curve	<i>Ouantity</i>	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	22.239.69	Dollars
	Factors	41496 Dollars/ea		0.53595 FY00 May Earned Value	Factor				
	A59	DYNCORP I&FT	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	72 245 76	Dollars

Factors 200000 Dollars/ea 0.674 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor

Line Item OPNCIN2489 - QA-Procedure develop/update

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Procedure development/update

Breakdown of Historical Data:

Item - Procedures

Units - each

Unit Cost -  $97hrs \times 70.00/hr = 6,793.00$ 

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

Resource

ırces		Cost Element		Skill		Department	Curve	Quantity	Units	
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	2.745.08	Dollars	

6793 d January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor Factors

Line Item OPNCIN2493 - QA-Data validation qualifiers for RFEDS data

Historical Data Source - Labor/ODCs cost report; BOE Item Desc - Validation qualifiers

WBS No: 1HAH1010 Activity ID: 1HAH1010P2

## Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect
WBS Filter
Activity Filter

Baseline Devl 1HAH

Starts In FY

Breakdown of Historical Data:
Item - Validation qualifiers
Units - lump sum
Unit Cost - 146,519.00
Unit Cost Adjustment factor Revised Unit Cost -

Resources

Cost Element Skill Department Curve Quantity Units
A5H SUBCONTRACTED SRVS P170 OTHER ADMINISTRATIVE & PROFE K267S Analytical Laboratory Services Linear 21.947.51 Dollars

Factors 48751 Dollars/ea 0.84 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor

#### Line Item OPNCIN2494 - QA-Data Assess/25% validation

Basis for adjustment -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Perform electronic data validation on 25% of the data packages

Breakdown of Historical Data:

Item - data validation

Units - Data packages

Unit Cost - 25.00/pkg

Unit Cost Adjustment factor 
Revised Unit Cost 
Basis for adjustment -

Resources

Cost Element Skill Department Curve Quantity Units
A5H SUBCONTRACTED SRVS P170 OTHER ADMINISTRATIVE & PROFE K267S Analytical Laboratory Services Linear 10.10 Dollars

Factors 25 d 0.754 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor

## Line Item OPNCIN2497 - Contr.oversight-SOW Maint.&Develop

Basis for adjustment -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Statement of Work (SOW) maintenance & development

Breakdown of Historical Data:

Item - SOW

Units - each

Unit Cost - 229 hrs/ 5,443.20

Unit Cost Adjustment factor 
Revised Unit Cost -

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	82.60	Hours
	Factors	228.66 Hours/ea		0.67401 January 2000 Earned Value	Factor	0.53595 FY00 May Earned Value Factor			
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	2,011.16	Dollars
	Factors	5443.2 d		1.02283		0.67401 January 2000 Earned Value Factor	0.53595 FY00 May	Earned Value F	-actor

#### Line Item OPNCIN2502 - Contr. oversight-Contr. Mangt.

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Analytical services contract oversight
Breakdown of Historical Data:
Item - contracts
Units - each
Unit Cost - 19,657.00
Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Units - each

Resources	Cost Element	Skill	Department	Curve	Quantity Units
	A5H SUBCONTRACTED SRVS	S010 CHEMISTS	K267S Analytical Laboratory Services	Linear	7.262.88 Dollars
	Factors 19657 d	1.02283	0.67401 January 2000 Earned Value Factor	0.53595 FY00 May I	Earned Value Factor

## Line Item OPNCIN2503 - Contr. oversight- Invoice verification

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Contract invoice verification
Breakdown of Historical Data:
Item - Contract invoice

WBS No: 1HAH1010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH1010P2 WBS Filter **Baseline Cost and Basis of Estimate** Activity Filter

Unit Cost - 12hrs/49,500.00 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

es		Cost Element	Skill		Department	Curve	Quantity Units
	750	STRAIGHT TIME BASE	S010 CHEMISTS	K267S	Analytical Laboratory Services	Linear	4.33 Hours
	Factors	12 hr	0.67401 January 2000 Earned Value	e Factor	0.53595 FY00 May Earned Value Factor		
	A5H	SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	1.828.93 Dollars
	Factors	4950 Dollars/ea	1.02283		0.67401 January 2000 Earned Value Factor	0.53595 FY00 May	Earned Value Factor

Line Item OPNCIN2504 - QA-Lab audits/offsite

#### BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Audits Units - Each Unit Cost - 9022.70 Unit Cost Adjustment factor -Revised Unit Cost -

#### Resources

es		Cost Element			Skill		Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	3	K267S	Analytical Laboratory Services	Bell Shaped	3.200.51	Dollars
	Factors	7920 d		0.754	January 2000 Earned Value	Factor	0.53595 FY00 May Earned Value Factor			
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE		K267S	Analytical Laboratory Services	Bell Shaped	445.61	Dollars
	Factors	1102.7 d		0.754	January 2000 Earned Value	Factor	0.53595 FY00 May Earned Value Factor			

Line Item OPNCIN2505 - Contr. oversight- Transf. Sampling/Lab costs

Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Software programing to allow electronic processing of Analytical Services subcontractor invoices Breakdown of Historical Data: Item - Software programing Units - Lump sum Unit Cost - 47,776.00 Unit Cost Adjustment factor -Revised Unit Cost -

Resource

rces	Cost Element	Skill	Department	Curve	Ouantity Units
	A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	K267S Analytical Laboratory Services	Linear	1.792.38 Dollars
	Factors 47776 d	0.07 January 2000 Earned Value	Factor 0.53595 FY00 May Earned Value Factor		

#### Line Item OPNCIN2507 - QA-Lab audits/Hot/Mixed lab

Basis for adjustment -

Basis for adjustment -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Onsite radiological lab audit Breakdown of Historical Data: Item - Audits Units - Each Unit Cost - 5,108.00 Unit Cost Adjustment factor -Revised Unit Cost -

Resources

es	Cost Element		Skill		Department		Curve	Quantity	Units	i i
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Back Loaded	2.064.17	Dollars	J

Factors 5108 d 0.754 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor

Line Item OPNCIN2512 - Prgm/Proj Mgmt-Monthly financial reporting

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Financial reporting Breakdown of Historical Data: Item - Reporting Units - Months Unit Cost - 80 hrs/ 12,109.00

Baseline Devl

Starts In FY

1HAH

WBS No: 1HAH1010 Activity ID: 1HAH1010P2

**Rocky Flats Closure Project Baseline Cost and Basis of Estimate**  Proiect Baseline Devl WBS Filter 1HAH Activity Filter

Starts In FY \*

```
Unit Cost Adjustment factor -
Revised Unit Cost -
Basis for adjustment -
```

## Resources

es		Cost Element		Skill		Department	Curve	Quantity Un	nits
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K267S	Analytical Laboratory Services	Linear	28.90 Hou	rs
Factors 80 h 0.67401 January 2000 Earned Value Factor 0.53595 FY00 May Earned Value Factor									
	A52	TENERA	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	4.474.10 Dolla	ars
	Factors	12109.2 d		1.02283		0.67401 January 2000 Earned Value Factor	0.53595 FY00 May	Earned Value Facto	or

## Line Item OPNCIN2519 - Prgm/Proj Mgmt -Supplies

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Supplies Breakdown of Historical Data: Item - Supplies Units - Lump sum Unit Cost - 22300.00 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Supplies Breakdown of Historical Data: Item - GSA Lease vehicles Units - Lump sum Unit Cost - 18900.00 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resource

ces		Cost Element	Skill		Department	Curve	Ouantity Units		
	A5C	SUPPLIES	0000 NONE	K267S	Analytical Laboratory Services	Linear	8.176.34 Dollars		
	Factors	22300 Dollars/ea	1.015		0.67401 January 2000 Earned Value Factor	0.53595 FY00 May	Earned Value Factor		
	A5L	RENTALS	0000 NONE	C106S	Business Management Office	Linear	6.929.72 Dollars		
	Factors	18900 d	1.015		0.67401 January 2000 Earned Value Factor	0.53595 FY00 May	Earned Value Factor		

#### Line Item OPNCIN3931 - Strategic planning- Dir.of Analytical Services

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Director of Analytical Services Breakdown of Historical Data: Item - Director Units - ea. Unit Cost - 1850 hrs Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resourc

rces	Cost Element		Skill	Department	Curve	Ouantity Units
	750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K267S Analytical Laboratory Services	Linear	668.28 Hours
	Factors	1850 H	0.67401 January 2000 Earned Value	Factor 0.53595 FY00 May Earned Value Factor		

Line Item OPNCIN3932 - Strategic planning-Secretary to Director

BOE

Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Secretary to director Breakdown of Historical Data: Item - Secretary Units - ea. Unit Cost - 1,850 hrs Unit Cost Adjustment factor -Revised Unit Cost -

Skill Quantity Units Cost Element Resources Department

WBS No: 1HAH1010 Proiect Baseline Devl Rocky Flats Closure Project Activity ID: 1HAH1010P2 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter 750 STRAIGHT TIME BASE G010 ADMINISTRATIVE ASSISTANTS K267S Analytical Laboratory Services Linear

Factors 1850 0.67401 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor

-	ACTIVITY ID: THAP	Description: Analytical Project Integration - FY06									ISK I	
	Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden
					Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost	

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Proiect Interface	0.96	each	HC	3.700	3.570	111.782	86.663	0	198.445	38.900	237.345
102	Radiological Engineering Support	0.96	each	HC	1.850	1.785	61.068	0	0	61.068	21.252	82.319
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	270.622	270.622	0	270.622
	Tot	al for Activi	ty 1HXXX10	105:		5.355	172.850	86.663	270.622	530.134	60.152	590.286

# Line Item 101 - Project Interface

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project integration Breakdown of Historical Data: Item - Labor Units - ea.

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

## Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	3.700.00	Hours
	Factors	2ea		1850 hrs					
	A5H	SUBCONTRACTED SRVS	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	89.813.90	Dollars
	Factors	1 ea		1850 hrs		60 dollars			

## Line Item 102 - Radiological Engineering Support

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Review & approve PRE's

Breakdown of Historical Data: Item - Labor Units - ea.

Unit Cost -Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resource

rces			Cost Element			Skill		Department	Curve	Quantity	Units	J
	750	STRAIGH	HT TIME BASE	E130	OTHER I	ENGINEERS	R100S	RMRS Salaried	Linear	1.850.00	Hours	
	Factors	1	ea		1850	hrs						

# Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	199.320.60	Dollars
	Factors	199321 Dollars	•				·		
[		ESCALATION	0000	NONE	ZDEPT	No Department	Linear	71.301.19	Dollars

Factors 71301.2 Dollars

Activity ID: 1H	IXXX10115	Description: Records Management - FY06	

Activity ID: 1HX	XX10115 Description: Records Management - FY0	6						Cost Risk	1 Schedule F	?isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Analytical Report Management	0.96	each	VQ	0	0	0	370.526	0	370.526	0	370.526
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	313.681	313.681	0	313.681
	Tot	al for Activi	ty 1HXXX10	115:		0	0	370.526	313.681	684.207	0	684.207

Starts In FY

0.80913 [SYS 061400] .80704 - System

668.28 Hours

WBS No: 1HAH1010 Rocky Flats Closure Project
Activity ID: 1HXXX10115 Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY \*

Line Item 101 - Analytical Report Management

BOE

Vendor Name - Source One

Vendor Quote - FY05 Management of analytical reports and records.

Quote Received by - R. Stagner

Date Received - 4/20/00

Item being quoted - Records Management

Other Info -Availability -

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	295.000.00	Dollars
	Factors	1ls		295000 dollars					
	A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	87.000.00	Dollars
	Factors	1ls		87000 dollars		Target Adjust 05/30/00			
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	2.000.00	Dollars
	Factors	1 le		2000 dollars					

## Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
Ī	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	231,034.60	Dollars
	Factors	231035 Dollars							
Ī	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	82,645.95	Dollars

Factors 82646 Dollars

Activity ID: 1HXXX10125 Description: Quality Assurance - FY06

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Analytical Data Examination	0.96	each	HC	0	0	0	243	0	243	0	243
103	Analytical Data Assess - 25% Valid.	0.96	each	HC	0	0	0	62.772	0	62.772	0	62.772
104	Laboratory Audits	0.96	each	HC	480	463	14.501	18.816	0	33.317	5.047	38.364
105	Analytical Services Proced Devel & Maint	0.96	each	HC	152	146	4.583	0	0	4.583	1.595	6.178
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	91.055	91.055	0	91.055
To		al for Activi	tv 1HXXX10	125		610	19 085	81 830	91 055	191 970	6.641	198.611

## Line Item 101 - Analytical Data Examination

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Analytical data examination

Breakdown of Historical Data:

Item - Labor
Units - ea.
Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

BOE

es		Cost Element	Skill		Department	Curve	Quantity	Units
	A5H SUB	CONTRACTED SRVS	CHEMISTS	K267S	Analytical Laboratory Services	Linear	251.48	Dollars

Factors 1 ea 1850 hrs 0.168

Line Item 103 - Analytical Data Assess - 25% Valid.

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Perform electronic data validation on 25% of the data packages

Breakdown of Historical Data:

Item - Data validation
Units - Data packages

Unit Cost -

Unit Cost Adjustment factor -

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0.80913 [SYS 061400] .80704 - System

**WBS No:** 1HAH1010 Activity **ID:** 1HXXX10125

# Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect
WBS Filter
Activity Filter

Baseline Devl 1HAH

Starts In FY \*

0.80913 [SYS 061400] .80704 - System

Revised Unit Cost Basis for adjustment This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

 Cost Element
 Skill
 Department
 Curve
 Quantity
 Units

 A5H
 SUBCONTRACTED SRVS
 P170
 OTHER ADMINISTRATIVE & PROFE
 K267S
 Analytical Laboratory Services
 Linear
 65.054.39 Dollars

Factors 12 months 6700 dollars

# Line Item 104 - Laboratory Audits

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Labor Units - hrs Unit Cost - 32 hrs/ea. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Offsite lab audits Breakdown of Historical Data: Item - Travel Units - ea. Unit Cost - 1300.00 Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	750 STI	RAIGHT TIME BASE	S010	CHEMISTS	K267S	Analytical Laboratory Services	Linear	480.00	Hours
	Factors	15 ea		32 hrs					
	A5M TR	AVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	19.500.00	Dollars
	Factors	15 ea		1300 dollars					

# Line Item 105 - Analytical Services Proced Devel & Maint

Revised Unit Cost -Basis for adjustment -

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99
Item Desc - Procedure development/update
Breakdown of Historical Data:
Item - Labor
Units - ea.
Unit Cost Unit Cost Adjustment factor -

Resources

rces		(	Cost Element			Skill		Department	Curve	<b>Ouantity</b>	Units
	750	STRAIGH	IT TIME BASE	S010	CHEMIST	S	K267S	Analytical Laboratory Services	Linear	151.70	Hours
	Factors	1	ea		1850	hrs		0.082			

# Line Item SYS - Contingency And Escalation

BOE

#### Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	67.064.61	Dollars
	Factors	67064.6 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	23.990.42	Dollars

Factors 23990.4 Dollars

Activity ID: 1HXXX10135 Description: Contract Oversight - EY06

TOUVILY ID. TITIO	Description Contract Cvoloign 1 100							Cost Itisic	. Schedille 1			
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		

1 Schedule Risk

Cost Risk

WBS No: 1HAH1010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HXXX10135 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY HC 4.625 101 0.96 each 4.463 149.813 149.813 52.135 Contract Management - CTR's 201.949 102 Contract Management - SA's 0.96 each HC 1.850 1.785 46.823 0 0 46.823 16.294 63.117 103 SOW Development & Maintenance 0.96 each HC 463 446 13.973 13.973 4.863 18.835 Ω n EE Contingency And Escalation 240.345 SYS 1.00 ea 0 0 0 240.345 240.345 0 Total for Activity 1HXXX10135: 6.694 210.609 240.345 450.954 73.292 524.246 Line Item 101 - Contract Management - CTR's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Contract Technical Representatives (CTRs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Skill Units Cost Element Department Curve **Ouantity** 925.00 Hours 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear 1850 hrs/vr 0.5 Factors 1 ea ea 750 STRAIGHT TIME BASE S010 CHEMISTS K267S Analytical Laboratory Services Linear 3.700.00 Hours Factors 2 1850 hrs/yr Line Item 102 - Contract Management - SA's Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Subcontractor Administrators (SAs) Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Skill Units Cost Element Department Curve **Ouantity** 750 STRAIGHT TIME BASE P170 OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services Linear 1.850.00 Hours Factors 1850 hrs/vr 1 ea Line Item 103 - SOW Development & Maintenance Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Statement of Work (SOW) development & maintenance Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Units K267S Analytical Laboratory Services 750 STRAIGHT TIME BASE S010 CHEMISTS Linear 462.50 Hours 1850 Factors 1 hrs/yr 0.25 ea Line Item SYS - Contingency And Escalation BOE Resources Cost Element Units Skill Curve **Ouantity** CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 177.021.10 Dollars Factors 177021 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 63.324.18 Dollars Linear 63324.2 Dollars Activity ID: 1HXXX10145 Description: Project / Program Management - FY06 Cost Risk 1 Schedule Risk Line Item Description **Ouantity** Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost

WBS No: 1HAH1010 Rockv Flats Closure Project Project Baseline Devl
Activity ID: 1HXXX10145 Baseline Cost and Basis of Estimate WBS Filter 1HAH

						ACII	vuy ruţer		31	arts in F i	
			Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Planning & Reporting	0.96 ea	HC	0	0	0	114.246	0	114.246	0	114.246
102	Project / Program Management	0.96 ea	HC	2.775	2.678	133.444	11.000	0	144,444	46.439	190.883
103	Lessons Learned Program	11.58 mo	HC	5	58	1,519	0	0	1,519	528	2,047
SYS	Contingency And Escalation	1.00 ea	EE	0	0	0	0	260,049	260,049	0	260,049
	To	tal for Activity 11	HXXX10145		2 736	134 963	125 246	260 049	520 257	46 967	567 224

# Line Item 101 - Planning & Reporting

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Planning & Reporting, Technical Services Breakdown of Historical Data:
Item - Labor Units - ea.

Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Basis for adjustment -

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A52	TENERA	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	118.400.00	Dollars

Factors 1 EA 1850 hrs/vr 64 dollars

# Line Item 102 - Project / Program Management

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Labor Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Supplies Units - dollars Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Project/Program management & Integration Breakdown of Historical Data: Item - Travel Units - ea. Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -

#### Resources

s		Cost Element		Skill		Department	Curve	Quantity Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K267S	Analytical Laboratory Services	Linear	1.850.00 Hours
-	Factors	1ea		1850 hrs/vr				
Į	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S	Analytical Laboratory Services	Linear	925.00 Hours
	Factors	1 ea		1850 hrs/vr		0.5 ea		
Į	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	3.600.00 Dollars
r	Factors	12 months		300 dollars				
L	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	7.800.00 Dollars
	Factors	6 ea		1300 dollars				

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*WBS No:* 1HAH1010 *Activity ID:* 1HXXX10145

# Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY \*

Line Item 103 - Lessons Learned Program

BOE Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Administration of Lessons Learned Program

Breakdown of Historical Data:

Item - Labor
Units - ea.
Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resources

rces		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
	750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	K267S	Analytical Laboratory Services	Linear	5.00	Hours

Factors 1 ea 5 hrs/month

# Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	191.533.40	Dollars
	Factors	191533 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	68.515.53	Dollars

Factors 68515.5 Dollars

WBS No: 1HAH1	020 Title: Onsite Commercial Labora	itories										
Activity ID: 1HA	H102001 Description: Onsite Commercial Lab Ope	rations						Cost Risk	1 Schedule R	risk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Lab Operations	1.00	each	HC	0	0	0	27.400	0	27.400	0	27.400
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.449	1.449	0	1.449
	Tot	al for Activi	ity 1HAH102	001		0	0	27 400	1 449	28 849	0	28 849

# Line Item 101 - Lab Operations

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Misc. supplies & GFE Breakdown of Historical Data:

Item -Units -Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resources

es	Cost Element		Skill		Department	Curve	Ouantity	Units
	A5C SUPPLIES	0000 NON	E	K267S	Analytical Laboratory Services	Linear	2.400.00	Dollars
	Factors 1 Is	200	) dollars		12 months			
	A5C SUPPLIES	0000 NON	E	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars
	Factors 1 Is	500	00 dollars					
	A5C SUPPLIES	0000 NON	E	K267S	Analytical Laboratory Services	Max Backload	20.000.00	Dollars
	Factors 1 ea/vr	200	000 dollars					

# Line Item SYS - Contingency And Escalation

BOE

Resources

ces		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	873.30	Dollars
	Factors	873.304 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	576.16	Dollars

Factors 576.161 Dollars

Activity ID: 1HAI	H102002	Description: Onsite Commercial Lab Ope	erations						Cost Risk	1 Schedule R	≀isk 1		
Line Item		Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost

101 102	1HAH102002			Rocky Flats Baseline Cost		Estimate	WB		aseline Devl HAH	cusi Si	tarts In FY	*	
102	Lab Operations		1.00	each HC				27.400	T T	27.400		0	27.400
	Radiological Lab Operations			each HC		0	0	3.700		3.700		0	3.700
SYS	Contingency And Escalation		1.00			0	0			4.636		0	4.636
		To	tal for Activi	ty 1HAH102002:		0	0	31.100	4.636	35.736		0	35.736
ine Item 101 -	- Lab Operations												
BOL	Historical Data Source - Labor/ Item Desc - Misc. supplies & GF Breakdown of Historical Data: Item - Units - Unit Cost - Unit Cost - Unit Cost Adjustment factor - Revised Unit Cost - Basis for adjustment -		10/01/98	-09/27/99									
Bassurasa	Core Element		Skill			D			C			77	1
Resources	A5C SUPPLIES	0000 NONE	Skill		K2679 A	Depar Ivtical Laborat			<i>Curve</i> Linear		2.400.00 [	Units	1
L	Factors 1 Is	200	dollars		12 K267S Ana	ivticai Laborat months			Linear		2.40U.UUIL	oulais	_
ľ	A5C SUPPLIES	0000 NONE	uullais			Ivtical Laborat			Linear		5.000.00	Oollars	1
L	Factors 1 Is	5000	dollars		112010 17110	IVIICAI LADOIAI	IOIV OCIVICOS		Lincal		0.000.001	Johans	
	A5C SUPPLIES	0000 NONE			K267S Ana	lvtical Laborat	torv Services		Max Backloa	ad	20.000.00	Oollars	
7	Factors 1 ea/yr	20000	) dollars										
ine Item 102 -	- Radiological Lab Operations												
	Unit Cost Adjustment factor - Revised Unit Cost - Basis for adjustment -												
					T								7
Resources	Cost Element		Skill			Depar			Curve	0	Quantity	Units	]
	A5C SUPPLIES	0000 NONE				lvtical Laborat	torv Services		Curve Linear	0	0uantity 1.200.00[		]
	A5C SUPPLIES Factors 1 Is	200	Skill dollars		6	lvtical Laborat months	torv Services		Linear	0	1.200.00	Oollars	]
	A5C SUPPLIES Factors 1 Is A5C SUPPLIES	200 0000 NONE	dollars		6	lvtical Laborat	torv Services			0		Oollars	]
	A5C SUPPLIES Factors 1 Is	200			6	lvtical Laborat months	torv Services		Linear	0	1.200.00	Oollars	]
ine Item SYS	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is	200 0000 NONE	dollars		6	lvtical Laborat months	torv Services torv Services		Linear		1.200.00	Oollars	]
ine Item SYS	A5C SUPPLIES  Factors 1 Is A5C SUPPLIES  Factors 1 Is - Contingency And Escalation	200 0000 NONE	dollars		6	Ivtical Laborat months Ivtical Laborat	torv Services torv Services		Linear Linear		1.200.00 C	Dollars  Dollars  Units	
ine Item SYS BOE Resources	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation  Cost Element	200 0000 NONE 2500	dollars		K267S Ana	Ivtical Laborat months Ivtical Laborat  Department	torv Services torv Services		Linear Linear  Curve		1.200.00 C	Dollars  Dollars  Units	
ine Item SYS BOE Resources	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation   Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars  ESC ESCALATION	200 0000 NONE 2500	dollars		6   K267S   Ana	Ivtical Laborat months Ivtical Laborat  Department	torv Services torv Services		Linear Linear  Curve		1.200.00 C	Dollars  Dollars  Units  Dollars	
Line Item SYS BOE Resources	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation   Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars  ESC ESCALATION  Factors 1453.35 Dollars	200 NONE 2500 NONE	dollars dollars		K267S Ana	Ivtical Laborat months Ivtical Laborat  Department	torv Services torv Services		Linear  Linear  Curve  Linear  Linear	0	1.200.00 E 2.500.00 E Quantity 3.182.99 E	Dollars  Dollars  Units  Dollars	
Line Item SYS BOE Resources	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation   Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars  ESC ESCALATION  Factors 1453.35 Dollars	200 0000 NONE 2500	dollars dollars		K267S Ana	Ivtical Laborat months Ivtical Laborat  Department	torv Services torv Services	Cost Risk	Linear  Linear  Curve  Linear	0	1.200.00 E 2.500.00 E Quantity 3.182.99 E	Dollars  Dollars  Units  Dollars	
Line Item SYS BOE Resources	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation   Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars  ESC ESCALATION  Factors 1453.35 Dollars	200 NONE 2500 NONE	dollars dollars	Units BOI	K267S Ana ZDEPT No ZDEPT No	Ivtical Laborat months Ivtical Laborat  Department	torv Services torv Services	Cost Risk Materials/ Sub Cost	Linear  Linear  Curve Linear  Linear  1 Schedule R	0	1.200.00 E 2.500.00 E Quantity 3.182.99 E	Oollars  Units Oollars  Oollars	] ] ] ] otal Cost
Line Item SYS BOE Resources  Activity ID: 1  Line Item	A5C SUPPLIES  Factors 1 Is A5C SUPPLIES  Factors 1 Is - Contingency And Escalation  Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars ESC ESCALATION  Factors 1453.35 Dollars  IHAH102003 Description: On  Description  Lab Operations	200 NONE 2500 NONE	dollars  dollars  Skill  erations  Quantity  1.00	each HC	ZDEPT No  ZDEPT No  Labor Hours/Unit	Ivtical Laborat months Ivtical Laborat  Depart Department Department  Labor Hours Total	torv Services torv Services  tament  Labor Cost Total	Materials/ Sub Cost 27.400	Linear  Linear  Curve Linear  Linear  1 Schedule R.  Contingency & Escalation  0	isk 1  Total Prime Cost 27.400	2.500.00 E 2.500.00 E 2.500.00 E 2.500.00 E 3.182.99 E 1.453.35 E Burden C	Oollars  Units Oollars  Oollars  Oollars  Oollars	27.400
Line Item SYS BOE Resources Line Item 101 102	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation   Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars  ESC ESCALATION  Factors 1453.35 Dollars  IHAH102003 Description: On  Description  Lab Operations  Radiological Lab Operations	200 NONE 2500 NONE	dollars  dollars  Skill  erations  Quantity  1.00  1.00	each HC each HC	ZDEPT No  ZDEPT No  Labor Hours/Unit  O  O	Department  Labor Hours  Total  O  O	torv Services torv Services  tament  Labor Cost Total 0 0 0	Materials/ Sub Cost 27.400 7.400	Linear  Linear  Curve Linear  Linear  1 Schedule R  Contingency & Escalation  0	isk 1  Total Prime Cost 27,400 7,400	1.200.00 E 2.500.00 E 2.500.00 E 3.182.99 E 1.453.35 E Burden C	Oollars  Units Oollars  Oollars  Oollars  Oollars	27.400 7.400
Line Item SYS BOE Resources  Activity ID: 1  Line Item	A5C SUPPLIES  Factors 1 Is A5C SUPPLIES  Factors 1 Is - Contingency And Escalation  Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars ESC ESCALATION  Factors 1453.35 Dollars  IHAH102003 Description: On  Description  Lab Operations	200 NONE 2500 NONE Site Commercial Lab Op	dollars  dollars  Skill  erations  Quantity  1.00  1.00  1.00	each HC each HC ea EE	ZDEPT No  ZDEPT No  Labor Hours/Unit  O  O	Department  Labor Hours  Total  0 0 0	torv Services  torv Services  timent  Labor Cost Total  0 0 0	Materials/ Sub Cost 27.400 7.400	Linear  Linear  Linear  Linear  Linear  1 Schedule Ri  Contingency & Escalation  0  9.624	isk 1  Total Prime Cost 27.400 7.400 9.624	1.200.00 E 2.500.00 E 2.500.00 E 3.182.99 E 1.453.35 E Burden C	Oollars  Units Oollars  Oollars  Oollars  Oollars  Oollars	27.400 7.400 9.624
Line Item SYS BOE Resources Line Item 101 102 SYS	A5C SUPPLIES  Factors 1 Is A5C SUPPLIES  Factors 1 Is - Contingency And Escalation   Cost Element CON CONTINGENCY Factors 3182.99 Dollars ESC ESCALATION Factors 1453.35 Dollars IHAH102003 Description: On Description  Lab Operations Radiological Lab Operations Contingency And Escalation	200 NONE 2500 NONE Site Commercial Lab Op	dollars  dollars  Skill  erations  Quantity  1.00  1.00  1.00	each HC each HC	ZDEPT No  ZDEPT No  Labor Hours/Unit  O  O	Department  Labor Hours  Total  O  O	torv Services  torv Services  timent  Labor Cost Total  0 0 0	Materials/ Sub Cost 27.400 7.400	Linear  Linear  Linear  Linear  Linear  1 Schedule Ri  Contingency & Escalation  0  9.624	isk 1  Total Prime Cost 27.400 7.400 9.624	1.200.00 E 2.500.00 E 2.500.00 E 3.182.99 E 1.453.35 E Burden C	Oollars  Units Oollars  Oollars  Oollars  Oollars	
Line Item SYS  BOE  Resources  Line Item  101  102  SYS  Line Item 101 -	A5C SUPPLIES  Factors 1 Is  A5C SUPPLIES  Factors 1 Is  - Contingency And Escalation   Cost Element  CON CONTINGENCY  Factors 3182.99 Dollars  ESC ESCALATION  Factors 1453.35 Dollars  IHAH102003 Description: On  Description  Lab Operations  Radiological Lab Operations	200   0000   NONE   2500   0000   NONE   0000   NONE   10000   NON	dollars  dollars  Skill  erations  Quantity  1.00  1.00  1.00  tal for Activi	each HC each HC each EE ty 1HAH102003:	ZDEPT No  ZDEPT No  Labor Hours/Unit  O  O	Department  Labor Hours  Total  0 0 0	torv Services  torv Services  timent  Labor Cost Total  0 0 0	Materials/ Sub Cost 27.400 7.400	Linear  Linear  Linear  Linear  Linear  1 Schedule Ri  Contingency & Escalation  0  9.624	isk 1  Total Prime Cost 27.400 7.400 9.624	1.200.00 E 2.500.00 E 2.500.00 E 3.182.99 E 1.453.35 E Burden C	Oollars  Units Oollars  Oollars  Oollars  Oollars  Oollars	27.400 7.400 9.624

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Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Proiect WBS Filter Activity Filter

Baseline Devl 1HAH

Starts In FY \*

Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

WBS No:

Activity ID:

S Cost Element	Skill	Department	Curve	Ouantity Units
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	2.400.00 Dollars
Factors 1 Is	200 dollars	12 months		
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	5.000.00 Dollars
Factors 1 Is	5000 dollars			
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Max Backload	20.000.00 Dollars
Factors 1 ea/vr	20000 dollars			

# Line Item 102 - Radiological Lab Operations

1HAH1020

1HAH102003

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Misc. supplies & GFE

Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -

Basis for adjustment -

#### Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	A5C	SUPPLIES	0000 NONE		K267S	Analytical Laboratory Services	Linear	2.400.00	Dollars
	Factors	1 ls	200	dollars		12 months			
	A5C	SUPPLIES	0000 NONE		K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars
	Factors	1 ls	5000	dollars					

# Line Item SYS - Contingency And Escalation

BOE

#### Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units	
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	6.955.40	Dollars	
	Factors	6955.4 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.668.65	Dollars	

Factors 2668.65 Dollars

Activity ID: 1HAH102004 Description: Onsite Commercial Lab Operations

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
101	Lab Operations	1.00	each	HC	0	0	0	7.400	0	7.400	0	7.400
102	Radiological Lab Operations	1.00	each	HC	0	0	0	7.400	0	7.400	0	7.400
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.109	2.109	0	2.109
	Tota	al for Activi	ty 1HAH102	004:		0	0	14.800	2.109	16.909	0	16.909

# Line Item 101 - Lab Operations

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Misc. supplies & GFE

Breakdown of Historical Data:

Units -Unit Cost -

Unit Cost Adjustment factor - Revised Unit Cost -

Basis for adjustment -

Resources	Cost Element	Skill	Department	Curve	Quantity Units
	A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	5,000.00 Dollars
	Factors 1 Is	5000 dollars			

Cost Risk

1 Schedule Risk

WBS No: 1HAH1020 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH102004 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY K267S Analytical Laboratory Services A5C SUPPLIES 0000 NONE 2.400.00 Dollars Linear Factors 1 dollars 12 months Line Item 102 - Radiological Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Ttom -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Skill Cost Elemen Unite Resources A5C SUPPLIES 2.400.00 Dollars NONE K267S Analytical Laboratory Services Linear Factors 1 200 dollars 12 months A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 5.000.00 Dollars Linear Factors 1 ls 5000 dollars Line Item SYS - Contingency And Escalation BOE Cost Element Skill Units Resources Department Curve **Ouantity** CON CONTINGENCY 0000 NONE ZDEPT No Department 688 17 Dollars Linear Factors 688.173 Dollars ESC ESCALATION ZDEPT No Department 0000 NONE 1.421.04 Dollars Linear Factors 1421.04 Dollars Activity ID: 1HAH102005 Description: Onsite Commercial Lab Operations Cost Risk 1 Schedule Risk 1 BOE Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Line Item Description Units Labor Total Cost **Ouantity** Type Hours/Unit **Total Total** Cost & Escalation Cost 101 HC 0 0 7.400 7.400 0 Lab Operations 1.00 each 7.400 102 Radiological Lab Operations HC 1.00 each 0 0 0 7.400 0 7.400 0 7.400 SYS Contingency And Escalation 1.00 ea FF 0 0 0 0 7.897 7.897 0 7.897 14.800 7.897 22.697 22.697 Total for Activity 1HAH102005: 0 0 0 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Cost Element Skill Department Curve Units Resources A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars 5000 dollars Factors A5C SUPPLIES 2.400.00 Dollars 0000 NONE K267S Analytical Laboratory Services Linear Factors dollars 12 months Line Item 102 - Radiological Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -

Revised Unit Cost -

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WBS No: 1HAH1020 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH102005 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY Basis for adjustment -Resources Cost Element Skill Department Curve **Ouantity** Units A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 2.400.00 Dollars 200 dollars 12 months Factors 1 Is A5C SUPPLIES 5.000.00 Dollars 0000 NONE K267S Analytical Laboratory Services Linear Factors 1 ls 5000 dollars Line Item SYS - Contingency And Escalation BOE Cost Element Skill Units Resources Department Curve **Ouantity** CON CONTINGENCY 0000 NONE ZDEPT No Department 5.604.37 Dollars Linear Factors 5604.37 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 2.292.75 Dollars Linear 2292.75 Dollars Activity ID: 1HXXXH2005 Description: Onsite Commercial Lab Operations - FY06 Cost Risk 1 Schedule Risk Line Item Description **Ouantity** Units BOE Labor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Type Hours/Unit **Total** Total Cost & Escalation Cost 101 HC Lab Operations 0.96 each 0 7.140 7.140 0 7.140 Λ 102 Radiological Lab Operations 0.96 each HC 0 0 7.140 0 7.140 0 7.140 0 SYS Contingency And Escalation 1.00 ea FF 12.090 12.090 0 12.090 0 0 0 0 Λ 0 14.281 26.370 0 26.370 Total for Activity 1HXXXH2005: 12.090 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 Item Desc - Misc. supplies & GFE BOE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Elemen Skill Department A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 5.000.00 Dollars Linear 5000 dollars Factors 1 A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 2.400.00 Dollars Linear Factors 1 200 dollars 12 months Line Item 102 - Radiological Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Cost Element Skill Units Resources Department Curve A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 2.400.00 Dollars Linear 200 dollars months 5.000.00 Dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 5000 dollars Factors Line Item SYS - Contingency And Escalation BOE Cost Element Skill Units Resources Department Curve **Ouantity** 

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WBS No: 1HAH1020 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HXXXH2005 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department 8.904.46 Dollars Linear 8904.46 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 3.185.31 Dollars Linear 3185.31 Dollars WBS No: 1HAH1030 Offsite Commercial Laboratories Description: Offsite Commercial Lab Operations Activity ID: 1HAH103001 Cost Risk 1 Schedule Risk 1 BOE Labor Hours Labor Cost Materials/ Sub Total Prime Total Cost Line Item Description **Quantity** Units Labor Contingency Burden Cost Type Hours/Unit **Total** Total Cost & Escalation Cost 101 Lab Operations 1.00 each HC 0 5.000 5.000 0 5.000 Λ Λ n SYS Contingency And Escalation 1.00 ea EE 0 0 0 265 265 0 265 Total for Activity 1HAH103001: 5.000 265 5.265 0 5.265 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Ttem -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Ouantity Units A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars 5000 Factors 1 ls dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department **Ouantity** Units Curve CON CONTINGENCY 0000 NONE ZDEPT No Department 159.36 Dollars Linear Factors 159.362 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 105.14 Dollars Factors 105.139 Dollars Activity ID: 1HAH103002 **Description:** Offsite Commercial Lab Operations Cost Risk 1 Schedule Risk Line Item Description **Ouantity** Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Type Hours/Unit Total Total Cost & Escalation Cost 101 Lab Operations 1.00 each HC 0 0 0 5,000 5,000 0 5,000 SYS Contingency And Escalation 1.00 ea EE 0 0 0 745 745 0 0 745 Total for Activity 1HAH103002: 0 0 5,000 745 5,745 0 5,745 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Ttem -Units -IInit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Quantity Units A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars Factors 5000 dollars Line Item SYS - Contingency And Escalation BOE Cost Element Skill Units Resources Department Curve **Ouantity** 

WBS No: 1HAH1030 Baseline Devl Proiect **Rocky Flats Closure Project** 1HAH Activity ID: 1HAH103002 WBS Filter **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 511.73 Dollars Factors 511.734 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 233.66 Dollars Linear 233.657 Dollars Factors Activity ID: 1HAH103003 Description: Offsite Commercial Lab Operations Cost Risk 1 Schedule Risk BOELabor Hours Labor Cost Materials/ Sub Contingency Total Prime Line Item Description **Ouantity** Units Labor Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost 101 Lab Operations 1.00 each HC 0 0 5.000 5.000 0 5.000 SYS Contingency And Escalation 1 00 ea FF Λ 0 Ω 1.383 1.383 0 1.383 Λ Total for Activity 1HAH103003: 0 0 5.000 1.383 6.383 0 6.383 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Units Resources Cost Element Skill **Ouantity** Department Curve 0000 NONE A5C SUPPLIES K267S Analytical Laboratory Services 5.000.00 Dollars Linear Factors 1 5000 dollars Line Item SYS - Contingency And Escalation BOE Cost Element Skill Units Resources Department Curve **Quantity** CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 999.34 Dollars Factors 999.339 Dollars ESC ESCALATION ZDEPT No Department 383 43 Dollars 0000 NONE Linear Factors 383,426 Dollars Activity ID: 1HAH103004 Description: Offsite Commercial Lab Operations Cost Risk 1 Schedule Risk Labor Cost Line Item Description Units BOE Labor Labor Hours Materials/Sub Contingency Total Prime Burden Cost Total Cost **Ouantity** Hours/Unit TypeTotal Total Cost & Escalation Cost 101 Lab Operations 1.00 each HC 0 0 0 5,000 0 5,000 0 5,000 Contingency And Escalation SYS 1.00 ea EE 0 0 0 713 713 0 713 0 Total for Activity 1HAH103004: 0 0 5,000 713 5.713 0 5,713 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve **Ouantity** Units A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars Factors 1 5000 dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve **Ouantity** Units

WBS No: 1HAH1030 Baseline Devl Proiect **Rocky Flats Closure Project** 1HAH Activity ID: 1HAH103004 WBS Filter **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 232.49 Dollars Factors 232.491 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 480.08 Dollars Linear Factors 480.081 Dollars Activity ID: 1HAH103005 Description: Offsite Commercial Lab Operations Cost Risk 1 Schedule Risk BOELabor Hours Labor Cost Materials/ Sub Contingency Total Prime Line Item Description **Ouantity** Units Labor Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost 101 Lab Operations 1.00 each HC 0 0 5.000 5.000 0 5.000 SYS Contingency And Escalation 1 00 ea FF Λ 0 Ω 2.668 2.668 0 2.668 Λ Total for Activity 1HAH103005: 0 0 5.000 2.668 7.668 0 7.668 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Units Resources Cost Element Skill **Ouantity** Department Curve 0000 NONE A5C SUPPLIES K267S Analytical Laboratory Services 5.000.00 Dollars Linear Factors 1 5000 dollars Line Item SYS - Contingency And Escalation BOE Cost Element Skill Units Resources Department Curve **Ouantity** CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 1.893.37 Dollars Factors 1893.37 Dollars ESC ESCALATION ZDEPT No Department 774.58 Dollars 0000 NONE Linear Factors 774.577 Dollars Activity ID: 1HXXXH3005 Description: Offsite Commercial Lab Operations- FY06 Cost Risk 1 Schedule Risk Line Item Description Units BOE Labor Labor Hours Labor Cost Materials/Sub Contingency Total Prime Burden Cost Total Cost **Ouantity** Hours/Unit TypeTotal Total Cost & Escalation Cost 101 Lab Operations 0.96 each HC 0 0 0 4,825 0 4,825 0 4,825 Contingency And Escalation SYS 1.00 ea EE 0 0 0 0 4,084 4,084 0 4,084 Total for Activity 1HXXXH3005: 0 0 4.825 4.084 8.909 0 8,909 Line Item 101 - Lab Operations Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve **Ouantity** Units A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars Factors 1 5000 dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve **Ouantity** Units

WBS No: 1HAH1030 Baseline Devl Proiect **Rocky Flats Closure Project** 1HAH Activity ID: 1HXXXH3005 WBS Filter **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department 3.008.26 Dollars Linear 3008.26 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 1.076.12 Dollars Linear 1076.12 Dollars WBS No: 1HAH1040 Sampling Operations Activity ID: 1HAH104001 Description: Sampling Services Cost Risk 1 Schedule Risk 1 BOE Labor Hours Labor Cost Materials/ Sub Total Prime Total Cost Line Item Description **Ouantity** Units Labor Contingency Burden Cost Type Hours/Unit **Total Total** Cost & Escalation Cost 101 Receiving, Packaging, & Transportation 1.00 each HC 0 24.824 Λ 24.824 0 24.824 Λ Λ SYS Contingency And Escalation 1.00 ea EE 0 0 0 1.313 1.313 0 1.313 Total for Activity 1HAH104001: 0 24.824 1.313 26.137 0 26.137 Line Item 101 - Receiving, Packaging, & Transportation Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Ttem -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Skill Department Curve Ouantity Units A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars 5000 dollars Factors 1 Is A5C SUPPLIES K267S Analytical Laboratory Services 4.400.00 Dollars 0000 NONE Linear Factors 2 ea 2200 dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 1.600.00 Dollars Linear Factors 1 1600 dollars A5C SUPPLIES 3.000.00 Dollars 0000 NONE K267S Analytical Laboratory Services Linear dollars Factors 1 3000 A5L RENTALS 0000 NONE C106S Business Management Office 10.824.00 Dollars Linear Factors 12 902 dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve **Ouantity** Units CON CONTINGENCY 0000 NONE ZDEPT No Department 791.20 Dollars Linear Factors 791.201 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 521.99 Dollars Factors 521.993 Dollars Activity ID: 1HAH104002 Description: Sampling Services Cost Risk 1 Schedule Risk Total Prime Line Item Description **Ouantity** Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Burden Cost Total Cost Hours/Unit & Escalation Type Total Total Cost Cost

1.00 each

Total for Activity 1HAH104002:

1 00 ea

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Line Item 101 - Receiving	, Packaging, &	Transportation
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BOE

101

SYS

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Misc. supplies & GFE Breakdown of Historical Data:

Contingency And Escalation

Receiving, Packaging, & Transportation

Item -Units -

Unit Cost -Unit Cost Adjustment factor -

Revised Unit Cost -

24.824

24.824

Λ

0

3.701

3.701

24.824

3.701

28.525

0

0

0

24.824

3.701

28.525

WBS No: Activity ID:	1HAH1040 1HAH104002		E			Closure P		WB		aseline Devl HAH	Sta	rts In FY	*
	Basis for adjustment -							****			2253	7 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Resources	Cost Element		Skill				Depart	tment		Curve	Ou	antity L	Inits
	A5C SUPPLIES	0000 NONE	27000			K267S Ana	vtical Laborate			Linear		5.000.00 Dol	
	Factors 1 Is	5000	dollars										
	A5C SUPPLIES	0000 NONE				K267S Ana	lvtical Laborate	orv Services		Linear		4.400.00 Dol	lars
	Factors 2 ea	2200	dollars			1			1		1		
	A5C SUPPLIES	0000 NONE				K267S Ana	lvtical Laborate	orv Services		Linear		1.600.00 Dol	ars
	Factors 1 ea	1600	dollars										
	A5C SUPPLIES	0000 NONE				K267S Ana	lvtical Laborate	orv Services		Linear		3.000.00 Dol	ars
	Factors 1 Is	3000	dollars			04000 D		. 0"				0 004 00 0	
	A5L RENTALS Factors 12 months	1 0000 NONE	-1-11			C106S Bus	ness Manage	ment Office		Linear	1	0.824.00 Dol	ars
l inc Itom CVC	Factors 12 months 5 - Contingency And Escalation	902	dollars										
BOE	S - Contingency And Escalation												
		1				I					1		
Resources			Skill				Depart	tment		Curve			<u>Inits</u>
	CON CONTINGENCY	0000 NONE				ZDEPT No	Department			Linear		2.540.66 Dol	ars
	Factors 2540.66 Dollars	0000 NONE				ZDEPT No I	Dan auton ant			Lincor		1 160 06 Dal	lovo
	ESC ESCALATION Factors 1160.06 Dollars	I UUUU INONE				ZDEPT INO	Jepartment			Linear		1.160.06 Dol	ars
Activity ID:		s Services							Cost Risk	1 Schedule R	isk 1		
Line Item			Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost		Total Prime Cost	Burden Cost	Total Cost
101	Receiving, Packaging, & Transportation		1.00	each	HC HC	nours/Unit	<i>10101</i>		18.824		18.824	(	18.824
SYS	Contingency And Escalation		1.00		FF.	0	0			5.206	5.206	(	
010	Continuency And Escalation	Tot		ity 1HAH1040			0				24.030		24.030
Line Item 101	- Receiving, Packaging, & Transportation	100	ai 101 7 (0tivi		,00.		· ·		10.02	0.200	21.000	,	
вое	Historical Data Source - Labor/ODCs Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item - Units - Unit Cost - Unit Cost - Unit Cost Adjustment factor - Revised Unit Cost - Basis for adjustment -	cost report;	10/01/98-	-09/27/99									
_			~~										
Resources		0000 NONE	Skill			K0670 A	Depart			Curve			<i>Inits</i>
	A5C SUPPLIES Factors 1 Is	0000 NONE 5000	dollars			KZ6/S Ana	lvtical Laborate	OIV SERVICES		Linear		5.000.00 Dol	ais
	A5C SUPPLIES	0000 NONE	dollars			K2679 Ana	lvtical Laborate	on, Sonicos		Linear		3.000.00 Dol	lore
	Factors 1 Is	3000	dollars			NZU/S IAIIa	IVIICAI LADUIAII	OIV Services	I	Lilleai	l .	3.000.001001	هام
	A5L RENTALS	0000 NONE	dollars			C106S Bus	ness Manage	ment Office		Linear	1	0.824.00 Dol	lars
	Factors 12 months	902	dollars			O 1000 IDGO	noco manado	mon omo		Ellioui	' '	0.02 1.001201	
Line Item SYS BOE	6 - Contingency And Escalation												
	Cont Floring		Skill				D			C	0		Turke
Resources	CON CONTINGENCY	0000 NONE	SKIII			ZDEPT No.	Depart Department	ımenı		<u>Curve</u> Linear		antity <i>U</i> 3.762.31 Dol	<i>Inits</i>
	Factors 3762.31 Dollars	I 0000 INCINE				ZDEFI INO	Department			Lilleai		3.762.311001	als
	ESC ESCALATION	0000 NONE				ZDEPT No	Department			Linear		1.443.52 Dol	lare
	Factors 1443.52 Dollars	I 0000 INCINE				ZDEFI INO	Department			Lilleai		1.443.321001	als
Activity ID:		Services							Cost Risk	1 Schedule R	isk 1		
Line Item	Description		Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
										0/00/00 40 00			

WBS No:	1HAH1040			Por	sky Ela	te (	Closure P	roject	Pro	oiect	Baseline	Devl				
Activity ID:	1HAH104004						d Basis of E			BS Filter	1HAH					
			1							tivity Filter	*	_		arts In FY	*	
101	Receiving, Packaging, & Transportation Contingency And Escalation			1.00 each 1.00 ea		HC E	0		0 0		0	2.683	18.824 2.683		0	18.824
SYS	Contingency and Escalation		Total f	for Activity 1H			0		0 0			2.683	21.507		0	2.683 21.507
Line Item 101	- Receiving, Packaging, & Transportation		Totali	TOT ACTIVITY 11 1/	A11104004	т.			01 0	10.0	J27 I	2.000	21.507		- 0	21.507
BOE	Historical Data Source - Labor/ODCs Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item - Units - Unit Cost - Unit Cost - Unit Cost Adjustment factor - Revised Unit Cost - Basis for adjustment -	cost repor	rt; 10,	/01/98-09/2	27/99											
Resources	Cost Element			Skill				Den	artment			Curve	0	uantity	Units	
Resources	A5C SUPPLIES	0000 NO	NF	DRIII			K267S Ana		atory Services			Linear		5.000.00		
	Factors 1 Is			dollars												_
	A5C SUPPLIES	0000 NO	NE				K267S Ana	lvtical Labor	atory Services			Linear		3.000.00	Dollars	
	Factors 1 Is	30	000	dollars							ı			1		_
	A5L RENTALS	0000 NO					C106S Bus	iness Manad	gement Office			Linear		10.824.00	Dollars	_
	Factors 12 months	90	02	dollars												
	- Contingency And Escalation															
BOE																
Resources	Cost Element			Skill				Dep	artment			Curve	0	uantity	Units	
	CON CONTINGENCY	0000 NO	NE				ZDEPT No I	Department				Linear		875.28	Dollars	
	Factors 875.282 Dollars	1				1								1		-
	ESC ESCALATION	0000 NO	NE				ZDEPT No I	Department				Linear		1.807.41	Dollars	
Activity ID:	Factors 1807.41 Dollars  1HAH104005 Description: Sampling	Services								Cost Risk	1 .5	Schedule Risk	1			
Line Item	Description		Ç	Quantity U		OE ype	Labor Hours/Unit	Labor Hour Total	s Labor Cost Total	Materials/ S Cost		tingency To scalation	otal Prime Cost	Burden C	Cost	Total Cost
101	Receiving, Packaging, & Transportation			1.00 each		Ю	0		0 0	18.8	324	0	18.824		0	18.824
SYS	Contingency And Escalation			1.00 ea	E	E	0		0 0		0	10,044	10,044		0	10,044
			Total f	for Activity 1H	AH104005	5:			0 0	18,8	324	10,044	28,868		0	28,868
	- Receiving, Packaging, & Transportation															
вое	Historical Data Source - Labor/ODCs Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item - Units - Unit Cost - Unit Cost - Unit Cost Adjustment factor - Revised Unit Cost - Basis for adjustment -	cost repor	.C. TU)	, 01/20-03/2	<u> </u>											
Resources	Cost Element			Skill				Den	artment			Curve		uantity	Units	
	A5C SUPPLIES	0000 NO	NE				K267S Ana		atorv Services			Linear		5.000.00		
	Factors 1 Is			dollars												_
	A5C SUPPLIES	0000 NO					K267S Ana	lvtical Labor	atorv Services			Linear		3.000.00	Dollars	
	Factors 1 Is			dollars		1								1		_
	A5L RENTALS	0000 NO					C106S Bus	iness Manad	ement Office			Linear		10.824.00ll	Dollars	
Line Item SYS BOE	Factors 12 months  - Contingency And Escalation	90	02	dollars												
Resources	Cost Element			Skill				Den	artment			Curve	0	uantity	Units	
							•						•			

WBS No: 1HAH1040 Baseline Devl Proiect Rocky Flats Closure Project Activity ID: 1HAH104005 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department 7.128.15 Dollars Linear Factors 7128.15 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 2.916.13 Dollars Linear Factors 2916.13 Dollars Activity ID: 1HXXXH4005 Description: Sampling Services - FY06 Cost Risk 1 Schedule Risk Total Prime Labor Cost Materials/ Sub Line Item Description **Ouantity** Units BOELabor Labor Hours Contingency Burden Cost Total Cost & Escalation Type Hours/Unit **Total** Total Cost Cost 101 Receiving, Packaging, & Transportation 0.96 each HC 0 0 18.164 18.164 0 18.164 SYS Contingency And Escalation 1 00 ea FF Λ 0 Ω 15.377 15.377 0 15.377 Λ Total for Activity 1HXXXH4005: 0 0 18.164 15.377 33.540 0 33.540 Line Item 101 - Receiving, Packaging, & Transportation Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 BOE Item Desc - Misc. supplies & GFE Breakdown of Historical Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Units Resources Cost Element Skill Curve **Ouantity** Department A5C SUPPLIES 5.000.00 Dollars 0000 NONE K267S Analytical Laboratory Services Linear Factors 1 Is 5000 dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 3.000.00 Dollars Factors 1 3000 dollars A5L RENTALS 0000 NONE C106S Business Management Office 10.824.00 Dollars Linear Factors 12 months 902 dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve **Ouantity** Units 0000 NONE ZDEPT No Department 11.325.51 Dollars CON CONTINGENCY Linear 11325.5 Dollars Factors ZDEPT No Department ESC ESCALATION 0000 NONE Linear 4,051.37 Dollars 4051.37 Dollars WBS No: 1HAH2010 **Data System Operation & Maintenance** Activity ID: 1HAH201001 Description: SWD Database Cost Risk 2 Schedule Risk 2 BOE Labor Hours Labor Cost Materials/ Sub Total Prime Line Item Description **Ouantity** Units Labor Contingency Burden Cost Total Cost Type Hours/Unit Total **Total** Cost & Escalation Cost SWD DQ SWD Data Quality 1.00 each EE 350 350 11,295 40,000 0 51,295 5,387 56,682 Contingency And Escalation 1.00 ea 2.998 2.998 2.998 SYS 0 0 Total for Activity 1HAH201001: 350 11.295 40.000 2.998 54.293 5.387 59.680 Line Item SWD DQ - SWD Data Quality Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current BOE (FYOO) data cleanup activiteis for SWD. Experience Item Desc - Data managemenet, review and correction activities Breakdown of Cost Data: Item - Onsite labor and subcontractor support Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Cost Flement Units Resources

WBS No: 1HAH2010 Baseline Devl Proiect Rocky Flats Closure Project Activity ID: 1HAH201001 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY K267S Analytical Laboratory Services 750 STRAIGHT TIME BASE S020 ENVIRONMENTAL SCIENTISTS 350.00 Hours Linear 350 hours P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services 40.000.00 Dollars A59 DYNCORP I&ET Linear Factors 40000 Dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Units Department Curve CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 1.806.59 Dollars 1806.59 Dollars 1.191.90 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear Factors 1191.9 Dollars Activity ID: 1HAH201002 Description: SWD Database Cost Risk 2 Schedule Risk Line Item Description Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Quantity Hours/Unit & Escalation TypeTotal Total Cost Cost SWD DQ SWD Data Quality 1.00 each EE 350 350 11.295 20.000 31.295 3.987 35.281 n SYS Contingency And Escalation 1.00 ea FF n Λ 5.260 5.260 Λ 5.260 Total for Activity 1HAH201002: 350 11.295 20.000 5.260 36.554 3.987 40.541 Line Item SWD DQ - SWD Data Quality Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current BOE (FYOO) data cleanup activiteis for SWD. Experience Item Desc - Data managemenet, review and correction activities Breakdown of Cost Data: Item - Onsite labor and subcontractor support Units - ea Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Units Resources Cost Element Skill Department Curve Quantity 750 STRAIGHT TIME BASE S020 ENVIRONMENTAL SCIENTISTS K267S Analytical Laboratory Services 350.00 Hours Linear 350 hours A59 DYNCORP I&ET COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 20.000.00 Dollars 40000 Dollars 0.5 Management cut Line Item SYS - Contingency And Escalation BOE Cost Element Resources Department CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 3.610.95 Dollars Factors 3610.95 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 1.648.75 Dollars Linear Factors 1648.75 Dollars Activity ID: 1HAH201003 2 Schedule Risk Description: SWD Database Cost Risk Total Prime Line Item Description BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Burden Cost Total Cost **Ouantity** Units Type Hours/Unit Total Total Cost & Escalation Cost EE 3.908 SWD DQ SWD Data Quality 1.00 each 350 350 11.295 20.000 31.295 35.202 SYS Contingency And Escalation 1.00 ea 0 9.735 9.735 0 9.735 Λ Total for Activity 1HAH201003: 350 11.295 20.000 9.735 41.030 3.908 44.938

## Line Item SWD DQ - SWD Data Quality

BOE

Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FYOO) data cleanup activities for SWD.

Experience Item Desc - Data managemenet, review and correction activities

Breakdown of Cost Data:

Item - Onsite labor and subcontractor support

Units - ea

WBS No: 1HAH2010 **Rocky Flats Closure Project** Activity ID: 1HAH201003 **Baseline Cost and Basis of Estimate**  Proiect Baseline Devl WBS Filter 1HAH Activity Filter

Starts In FY \*

2

Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

## Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Linear	350.00	Hours
	Factors	350 hours							
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	20.000.00	Dollars

Factors 40000 Dollars 0.5 Management cut

## Line Item SYS - Contingency And Escalation

BOE

## Resources

es		Cost Element		Skill		Department	Curve	<i>Ouantity</i>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	7.035.82	Dollars
	Factors	7035.82 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.699.51	Dollars

Factors 2699.51 Dollars

Activity ID: 1HAH201004 Description: SWD Database Cost Risk 2 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
SWD DQ	SWD Data Quality	1.00	each	EE	263	263	8.471	20.000	0	28.471	2.389	30.860
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.398	4.398	0	4.398
	Tot	al for Activi	ty 1HAH201	004:		263	8,471	20,000	4,398	32,869	2,389	35,258

# Line Item SWD DQ - SWD Data Quality

BOE

Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FYOO) data cleanup activiteis for SWD.

Experience Item Desc - Data managemenet, review and correction activities

Breakdown of Cost Data:

Item - Onsite labor and subcontractor support

Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

## Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
Į	750	STRAIGHT TIME BASE	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Linear	262.50	Hours
	Factors	350 hours		0.75 Management cut					
Į	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	20.000.00	Dollars
	Factors	40000 Dollars		0.5 Management cut					

## Line Item SYS - Contingency And Escalation

BOE

# Resources

ces		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.434.92	Dollars
_	Factors	1434.92 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.963.03	Dollars

Factors 2963.03 Dollars

Activity ID: 1HAH201005 Description: SWD Database Cost Risk 2 Schedule Risk

Line Item	Description	Quantity	Units B	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
			T	Гуре	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
SWD DQ	SWD Data Quality	1.00 ea	ach I	EE	263	263	8.471	20.000	0	28.471	2.948	31.419
SYS	Contingency And Escalation	1.00 ea	a I	EE	0	0	0	0	16.765	16.765	0	16.765
	Total for Activity 1HAH201005:							20.000	16.765	45.236	2.948	48.183

# Line Item SWD DQ - SWD Data Quality

Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current BOE

*WBS No:* 1HAH2010 Activity *ID:* 1HAH201005

# Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect
WBS Filter
Activity Filter

Baseline Devl 1HAH

Starts In FY

(FYOO) data cleanup activiteis for SWD.

Experience Item Desc - Data managemenet, review and correction activities

Breakdown of Cost Data:

Item - Onsite labor and subcontractor support

Units - ea

Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

# Resources

es	Cost Element	Skill	Department	Curve	Quantity Units
	750 STRAIGHT TIME BASE	S020 ENVIRONMENTAL SCIENTISTS	K267S Analytical Laboratory Services	Linear	262.50 Hours
	Factors 350 hours	0.75 Management cut			
	A59 DYNCORP I&ET	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	20.000.00 Dollars
	Factors 40000 Dollars	0.5 Management cut			

## Line Item SYS - Contingency And Escalation

BOE

# Resources

es	Cost Element		Skill			Department	Curve	<i>Ouantity</i>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	11.897.44	Dollars
	Factors	11897.4 Dollars							
	ESC	ESCALATION	0000	NONE	7DEPT	No Department	Linear	4 867 25	Dollare

Factors 4867.25 Dollars

Activity ID: 1HAH201006 Description: SWD [

Activity ID: 1HAI	Description: SWD Database							Cost Risk	2 Schedule R	isk 2		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
SWD DQ	SWD Data Quality	1.00	each	EE	263	263	8.471	0	0	8.471	10.546	19.017
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	7.465	7.465	0	7.465
Total for Activity 1HAH201006:							8.471	0	7.465	15.936	10.546	26.483

## Line Item SWD DQ - SWD Data Quality

BOE

Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activiteis for SWD.

Experience Item Desc - Data managemenet, review and correction activities

Breakdown of Cost Data:

Item - Onsite labor and subcontractor support

Units - ea

Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

## Resources

es		Cost Eleme	nt	Skill			Department	C	urve	<i>Ouantity</i>	Units	
	750	STRAIGHT TIME B	ASE S020	ENVIRON	IMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Li	near	262.50	Hours	
	Factors	350 hours		0.75	Management cut							

# Line Item SYS - Contingency And Escalation

BOE

# Resources

es	Cost Element		Skill		Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3,917.91	Dollars
Factor.	3917.91 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3,547.31	Dollars

Factors 3547.31 Dollars

Activity ID: 1HAH201011

Description: GIS Database

Cost Risk 1 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
GIS DM	GIS Data Management	1.00	each	VQ	0	0	0	48.969	0	48.969	0	48.969
GIS O&M	GIS Operations/Maintenance	1.00	each	VQ	0	0	0	92.073	0	92.073	0	92.073
GIS Web	GIS Internet Web Server	1.00	each	VQ	0	0	0	27.511	0	27.511	0	27.511

Rocky Flats Closure Proiect Proiect Baseline Devl
WBS Filter 1HAH

Activity ID: 1HAH201011 Baseline Cost and Basis of Estimate WBS Filter 1HAH

SYS Contingency And Escalation 1.00 ea EE 0 0 0 0 8.916

Total for Activity 1HAH201011:

Line Item GIS DM - GIS Data Management

1HAH2010

Vendor Name - Destiny Resources
Vendor Quote - 2500 hrs @\$68/hr
Quote Received by - M. Carr

Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

WBS No:

S Cost Element Skill Department Curve Quantity Units
A5H SUBCONTRACTED SRVS P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 48.968.80 Dollars

Factors 60520 Dollars

0.80913 [SYS 061400] .80704 - System

Starts In FY

8.916

177.469

8.916

168.553

0

0

8.916

177.469

Line Item GIS O&M - GIS Operations/Maintenance

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

s	Cost Element	Skill			Department	Curve	Quantity	Units
A5	C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Back Loaded	27.000.00	Dollars
Fact	ors 27000 Lump Sum							
A5	C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Bell Shaped	4.000.00	Dollars
Fact	ors 4000 Dollars							
A5	H SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	61.073.45	Dollars

Factors 1 Lump Sum 75480

0.80913 [SYS 061400] .80704 - System

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

Line Item GIS Web - GIS Internet Web Server

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

ces	Cost Element Skill		Department	Curve	Quantity	Units	
	A5H	SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	27.510.56	Dollars

Factors 34000 dollars

0.80913 [SYS 061400] .80704 - System

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Ouantity Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	5.372.19 Dollars
	Factors 5372.19 Dollars				
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	3.544.29 Dollars
	Factors 3544.29 Dollars				

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WBS No: 1HAH2010 Activity ID: 1HAH201012

**Rocky Flats Closure Project Baseline Cost and Basis of Estimate** 

0

0

0

0

0

Proiect Baseline Devl WBS Filter 1HAH

11.279

132.022

0

0

Activity Filter Starts In FY \*

0

19.682

19.682

Activity ID: 1HAH201012 Description: GIS Database Cost Risk 1 Schedule Risk 1 Units BOE Labor Labor Hours Labor Cost Materials/Sub Total Prime Line Item Description **Ouantity** Contingency Burden Cost Total Cost Hours/Unit & Escalation TypeTotal Total Cost GIS DM GIS Data Management 1.00 each VQ 0 0 0 48.969 0 48.969 0 GIS O&M GIS Operations/Maintenance 1.00 each VQ 0 0 0 71.773 0 71.773 0

VQ

FF

1.00 each 1.00 ea Total for Activity 1HAH201012:

Line Item GIS DM - GIS Data Management

Destiny Resources BOE

Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

GIS Internet Web Server

Contingency And Escalation

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element Department K267S Analytical Laboratory Services A5H SUBCONTRACTED SRVS P060 COMPUTER SYSTEMS ANALYSTS Linear 48.968.80 Dollars

60520 Dollars Factors

0.80913 [SYS 061400] .80704 - System

11.279

19.682

151.703

48.969

71.773

11.279

19.682

151.703

0

0

0

Line Item GIS O&M - GIS Operations/Maintenance

BOE

GIS Web

SYS

Vendor Name - Destiny Resources Vendor Ouote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

s	Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
A	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Back Loaded	6,700.00	Dollars
Fac	tors 6700 Lump Sum							
A	SC SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Bell Shaped	4,000.00	Dollars
Fac	tors 4000 Dollars							
A	SH SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	61,073.45	Dollars

75480 Dollars Factors

Line Item GIS Web - GIS Internet Web Server

0.80913 [SYS 061400] .80704 - System

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resource

rces		Cost Element		Skill	Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	11.279.33	Dollars

Factors 13940 dollars

0.80913 [SYS 061400] .80704 - System

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# Rocky Flats Closure Project Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Cost Pick

1 Schadula Pick

Starts In FY

# Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000	NONE	ZDEPT No Department	Linear	13.512.00	Dollars
-	Factors 13512 Dollars						
	ESC ESCALATION	0000	NONE	ZDEPT No Department	Linear	6.169.56	Dollars

Factors 6169.56 Dollars

ACTIVITY ID. THA	Description. GIS Database							COST KISK	1 Schedule I	USK I		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
GIS DM	GIS Data Management	1.00	each	VQ	0	0	0	44.072	0	44.072	0	44.072
GIS O&M	GIS Operations/Maintenance	1.00	each	VQ	0	0	0	82.912	0	82.912	0	82.912
GIS Web	GIS Internet Web Server	1.00	each	VQ	0	0	0	3.191	0	3.191	0	3.191
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	36.000	36.000	0	36.000
	Tot	0	0	130.176	36.000	166.176	0	166.176				

# Line Item GIS DM - GIS Data Management

BOE

Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr

Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Description: GIS Database

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

ırces	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	44.071.92	Dollars

Factors 60520 Dollars 0.9 MNAGEMENT CUT

0.80913 [SYS 061400] .80704 - System

0.80913 [SYS 061400] .80704 - System

# Line Item GIS O&M - GIS Operations/Maintenance

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr

Date Received - 4/15/00

Item being guoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es	Cost Element	Skill	Department	Curve	Quantity Units
-3	A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Back Loaded	27.000.00 Dollars
	Factors 27000 Dollars	· • • • • • • • • • • • • • • • • • • •			
	A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Bell Shaped	4.000.00 Dollars
	Factors 4000 Dollars				
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	51.912.44 Dollars
	Factors 75480 Dollars	0.85 Management cut			

# Line Item GIS Web - GIS Internet Web Server

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

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# **Rocky Flats Closure Project Baseline Cost and Basis of Estimate**

Proiect WBS Filter Activity Filter

Baseline Devl 1HAH

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es	Cost Element	Skill	Department	Curve	Ouantity	Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	3.191.23	Dollars

3944 dollars Factors

0.80913 [SYS 061400] .80704 - System

Starts In FY

## Line Item SYS - Contingency And Escalation

1HAH2010

1HAH201013

BOE

WBS No:

Activity ID:

Resources

es		Cost Element		Skill		Department	Curve	<i>Ouantity</i>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	26.017.90	Dollars
	Factors	26017.9 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.982.55	Dollars

9982.55 Dollars

Activity ID: 1HAH201014 Description: GIS Database Cost Risk 1 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours		Materials/ Sub	0 2	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
GIS DM	GIS Data Management	1.00	each	VQ	0	0	0	44.072	0	44.072	0	44.072
GIS O&M	GIS Operations/Maintenance	1.00	each	VQ	0	0	0	82.912	0	82.912	0	82.912
GIS Web	GIS Internet Web Server	1.00	each	VQ	0	0	0	3.191	0	3.191	0	3.191
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	18.552	18.552	0	18.552
	Tot	al for Activi	ty 1HAH2010	014:		0	0	130.176	18.552	148.727	0	148.727

# Line Item GIS DM - GIS Data Management

BOE

Destiny Resources

Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr

Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill			Department	Curve	Quantity	Units
A5I	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	44.071.92	Dollars

60520 Dollars **Factors** 0.9 Management cut

0.80913 [SYS 061400] .80704 - System

Line Item GIS O&M - GIS Operations/Maintenance

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr

Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

s		Cost Element	Skill			Department	Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Back Loaded	27,000.00	Dollars
4	Factors	27000 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Bell Shaped	4,000.00	Dollars
_	Factors	4000 Dollars							
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	51.912.44	Dollars

75480 Dollars 0.85 Management cut Factors

0.80913 [SYS 061400] .80704 - System

Page 60 of 89 6/23/00 10:22:21 AM OFFICIAL USE ONLY WBS No: 1HAH2010 Activity ID: 1HAH201014

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY \*

# Line Item GIS Web - GIS Internet Web Server

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

rces	Cost Element			Skill		Department	Curve	<b>Ouantity</b>	Units
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	3.191.23	Dollars

Factors 3944 dollars

0.80913 [SYS 061400] .80704 - System

# Line Item SYS - Contingency And Escalation

BOE

Resources

ces	Cost Element			Skill		Department	Curve	<b>Ouantity</b>	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	6.052.93	Dollars
	Factors	6052.93 Dollars							

ESC ESCALATION 0000 NONE ZDEPT No Department Linear 12.498.97 Dollars

Factors 12499 Dollars

Activity ID: 1HAH201015

Description: GIS Database Cost Risk 1 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
GIS DM	GIS Data Management	1.00	each	VQ	0	0	0	48.969	0	48.969	0	48.969
GIS O&M	GIS Operations/Maintenance	1.00	each	VQ	0	0	0	62.312	0	62.312	0	62.312
GIS Web	GIS Internet Web Server	1.00	each	VQ	0	0	0	9.629	0	9.629	0	9.629
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	64.516	64.516	0	64.516
	Tot	al for Activi	tv 1HAH2010	015·		0	0	120 910	64 516	185 426	0	185 426

# Line Item GIS DM - GIS Data Management

BOE

Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being guoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es	Cost Element	Skill	Department	Curve	Ouantity Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	48.968.80 Dollars

Factors 60520 Dollars

0.80913 [SYS 061400] .80704 - System

Line Item GIS O&M - GIS Operations/Maintenance

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources Cost Element Skill Department Curve Quantity Units

WBS No: 1HAH2010 Rocky Flats Closure Project
Activity ID: 1HAH201015 Reselling Cost and Resis of Estimate

Proiect WBS Filter Baseline Devl 1HAH

		baseline Cost ai	Activity Filter	*	Starts In FY *
A5C SUPPLIES	0000	NONE	K267S Analytical Laboratory Services	Back Loaded	6.400.00 Dollars
Factors 6400 Dollars					
A5C SUPPLIES	0000	NONE	K267S Analytical Laboratory Services	Bell Shaped	4.000.00 Dollars
Factors 4000 Dollars					
A5H SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	51.912.44 Dollars
Factors 75480 Dollars		0.85 Management cut			

Line Item GIS Web - GIS Internet Web Server

0.80913 [SYS 061400] .80704 - System

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es	Cost Element Skill			Department	Curve	Ouantity	Units		
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	9.628.70	Dollars

Factors 23800 dollars 0.5 Management cut

0.80913 [SYS 061400] .80704 - System

1

Schedule Risk

# Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element	Skill			Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	45.785.38	Dollars
	Factors	45785.4 Dollars							
	FSC	ESCALATION	0000	NONE	7DEPT	No Department	Linear	18 730 82	Dollare

Factors 18730.8 Dollars

Activity	D: 1HAH201016	Description: GIS Database	Cost Risk	1

Line Item	Description	Quantity	Units BC	E Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
			$Ty_i$	e Hours/Unit	Total	Total	Cost	& Escalation	Cost		
GIS DM	GIS Data Management	1.00 eac	ch V	0	0	0	12,137	0	12,137	0	12,137
SYS	Contingency And Escalation	1.00 ea	E	0	0	0	0	5,086	5,086	0	5,086
	Tot	al for Activity 1	HAH201016:		0	0	12,137	5,086	17,223	0	17,223

# Line Item GIS DM - GIS Data Management

BOE

Destiny Resources Vendor Quote - 2350 hrs @\$68/hr Quote Received by - M. Carr

Date Received - 4/15/00 Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

Note: vendor assumed operations in FY06. Mangement indicated closure on 12/15/06. Quote reduced to reflect closure activities vs operation activities by

M.Carr 5/00.

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es	S Cost Element			Skill		Department	Curve	Ouantity	Units
			K267S	Analytical Laboratory Services	Linear	12.137.01	Dollars		

Factors 15000 Dollars

Line Item SYS - Contingency And Escalation

0.80913 [SYS 061400] .80704 - System

BOE

-						
_						
Resources	Cost Element	Skill	Department	Curve	Ouantity	Units

WBS No: Baseline Devl 1HAH2010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH201016 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department 2.793.17 Dollars Linear Factors 2793.18 Dollars 0000 NONE ZDEPT No Department 2.292.89 Dollars ESC ESCALATION Linear Factors 2292.89 Dollars Activity ID: 1HAH201021 Cost Risk 1 Schedule Risk Description: EDDIE Total Prime Materials/ Sub Line Item Description **Ouantity** Units BOELabor Labor Hours Labor Cost Contingency Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost **EDDIE** EDDIE Web Site Ops and Maintenance 1.00 each VQ 0 0 45.400 45.400 0 45.400 SYS Contingency And Escalation 1 00 ea FF 0 Ω 2.402 2.402 0 2.402 Λ Λ Total for Activity 1HAH201021: 0 0 45.400 2.402 47.802 0 47.802 Line Item EDDIE - EDDIE Web Site Ops and Maintenance Vendor Name - Dyn I&ET BOE Vendor Quote - \$40,400 Quote Received by - M. Carr Date Received - 4/18/00 Item being quoted - EDDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now Resources Cost Element Skill Department Curve Ouantity Units A59 DYNCORP I&FT K267S Analytical Laboratory Services 40 400 00 Dollars P060 COMPUTER SYSTEMS ANALYSTS Linear 40400 dollars A5C SUPPLIES K267S Analytical Laboratory Services 5.000.00 Dollars 0000 NONE 5000 Dolalrs Factors Line Item SYS - Contingency And Escalation BOE Resources Cost Element **Ouantity** Units Department CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 1.447.01 Dollars Factors 1447.01 Dollars 0000 NONE ZDEPT No Department 954.66 Dollars ESC ESCALATION Linear Factors 954.661 Dollars Activity ID: 1HAH201022 Description: EDDIE Cost Risk 1 Schedule Risk Line Item Description Quantity Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Type Hours/Unit Total Cost & Escalation Total Cost EDDIE EDDIE Web Site Ops and Maintenance VQ 45.400 45.400 0 45.400 1.00 each 0 0 0 6.768 SYS Contingency And Escalation 1.00 ea FF 0 0 0 0 6.768 6.768 0 Total for Activity 1HAH201022: 0 0 45.400 6.768 52.168 0 52.168 Line Item EDDIE - EDDIE Web Site Ops and Maintenance Vendor Name - Dyn I&ET BOE Vendor Ouote - \$40,400 Ouote Received by - M. Carr Date Received - 4/18/00 Item being quoted - EDDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now Cost Element Skill Curve Quantity Units Resources Department A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services 40.400.00 Dollars Linear 40400 dollars Factors A5C SUPPLIES 5.000.00 Dollars 0000 NONE K267S Analytical Laboratory Services Linear Factors 5000 Dolairs

Line Item SYS - Contingency And Escalation

BOE

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WBS No: Baseline Devl 1HAH2010 Proiect Rocky Flats Closure Project Activity ID: 1HAH201022 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY Units Skill Resources Cost Element Department Curve 0000 NONE CON CONTINGENCY ZDEPT No Department Linear 4.646.55 Dollars Factors 4646.55 Dollars 0000 NONE ZDEPT No Department 2.121.61 Dollars ESC ESCALATION Linear 2121.61 Dollars Factors Activity ID: 1HAH201023 Description: EDDIE Cost Risk 1 Schedule Risk BOE Materials/ Sub Total Prime Line Item Description **Ouantity** Units Labor Labor Hours Labor Cost Contingency Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost **EDDIE** EDDIE Web Site Ops and Maintenance VQ 45.400 45.400 0 45.400 1.00 each Λ 0 Λ n SYS Contingency And Escalation 1.00 ea FF Λ Λ 0 12.556 12.556 0 12.556 Total for Activity 1HAH201023: Λ 0 45.400 12.556 57.956 Ω 57.956 Line Item EDDIE - EDDIE Web Site Ops and Maintenance Vendor Name - Dyn I&ET BOE Vendor Ouote - \$40,400 Ouote Received by - M. Carr Date Received - 4/18/00 Item being quoted - EDDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now Resources Cost Element Skill Units Department Curve Quantity A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 40.400.00 Dollars Factors 40400 dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services Linear 5.000.00 Dollars Factors 5000 Dolairs Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve Quantity Units CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 9.074.00 Dollars Factors 9074 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 3.481.51 Dollars Linear Factors 3481.51 Dollars Activity ID: 1HAH201024 Description: EDDIE Cost Risk 1 Schedule Risk 1 BOELabor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Line Item Description Quantity Units Labor Type Hours/Unit Total Total Cost & Escalation Cost **EDDIE** EDDIE Web Site Ops and Maintenance 1.00 each VQ 0 0 0 45.400 0 45.400 0 45.400 SYS Contingency And Escalation 1.00 ea FF 0 0 0 0 6.470 6.470 0 6.470 Total for Activity 1HAH201024: 0 45.400 6.470 51.870 0 51.870 Line Item EDDIE - EDDIE Web Site Ops and Maintenance Vendor Name - Dyn I&ET BOE Vendor Ouote - \$40,400 Quote Received by - M. Carr Date Received - 4/18/00 Item being quoted - EDDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now

Skill

P060 COMPUTER SYSTEMS ANALYSTS

0000 NONE

Resources

Cost Element

Dolairs

A59 DYNCORP I&ET

5000

A5C SUPPLIES

Factors

40400 dollars

Curve

Linear

Linear

Department

K267S Analytical Laboratory Services

K267S Analytical Laboratory Services

Units

Quantity

40.400.00 Dollars

5.000.00 Dollars

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY

# Line Item SYS - Contingency And Escalation

1HAH2010

1HAH201024

BOE

WBS No:

Activity ID:

Resources	Resources Cost Element		Skill	Department	Curve	Quantity	Units
			NONE	ZDEPT No Department	Linear	2.111.02	Dollars
_	Factors 2111.02 Dollars						
	ESC ESCALATION 0000 NONE		NONE	ZDEPT No Department	Linear	4.359.14	Dollars

Factors 4359.14 Dollars

Activity ID: 1HA	H201025 Description: EDDIE			Cost Risk 1 Schedule Risk 1								
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
EDDIE	EDDIE Web Site Ops and Maintenance	1.00	each	VQ	0	0	0	45,400	0	45.400	0	45,400
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	24.225	24.225	0	24.225
	Tot	al for Activi	ity 1HAH201	025:		0	0	45.400	24.225	69.625	0	69.625

#### Line Item EDDIE - EDDIE Web Site Ops and Maintenance

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400 Quote Received by - M. Carr Date Received - 4/18/00

Item being quoted - EDDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.

Availability - Now

Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	40.400.00	Dollars
	Factors	40400 dollars							
		SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

Factors 5000 Dolairs

# Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department	Curve	Quantity	Units
	CON CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	17,191.77	Dollars
	Factors 17191.8 Dollars							
	ESC ESCALATION	0000	NONE	ZDEPT	No Department	Linear	7,033.16	Dollars

Factors 7033.16 Dollars

ACTIVITY ID: 1 HA	Description: EDDIE							Cost Kisk	1 Scheaule K	isk i		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
EDDIE	EDDIE Web Site Ops and Maintenance	1.00 each			0	0	0	5,000	0	5,000	0	5,000
SYS	Contingency And Escalation	1.00 ea			0	0	0	0	2.095	2.095	0	2.095
Total for Activity 1HAH201026:							0	5 000	2 095	7 095	0	7 095

# Line Item EDDIE - EDDIE Web Site Ops and Maintenance

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400 Quote Received by - M. Carr Date Received - 4/18/00

10000 dollars

Danaminei aux EDDIE

Item being quoted - EDDIE maintenance and operations (Web site maintenance)

0.5

Management cut

Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.

Availability - Now

**Factors** 

Resources		Cost Element		Skill		Department	Curve	Quantity	Units
	A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS		K267S	Analytical Laboratory Services	Linear	5,000.00	Dollars		

Cont Dial

4 Caladala Diala

WBS No: 1HAH2010 Activity ID: 1HAH201026

# **Rocky Flats Closure Project Baseline Cost and Basis of Estimate**

Baseline Devl Proiect WBS Filter 1HAH Activity Filter

Starts In FY

# Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill	Department	Curve	Quantity	Units
CC	ON CONTINGENCY	0000	NONE	ZDEPT No Department	Linear	1.150.68	Dollars
Faci	tors 1150.68 Dollars						
ES	SC ESCALATION	0000	NONE	ZDEPT No Department	Linear	944.59	Dollars
ES	SC ESCALATION	0000	INONE	ZDEPT No Department	Linear	944.59	Dollars

Factors 944.587 Dollars

Activity ID: 1HA	H201031 Description: ISEDS		Cost Risk 1 Schedule Risk 1									
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
ISEDS	ISEDS O&M	1.00	each	VQ	0	0	0	45,400	0	45.400	0	45.400
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.402	2,402	0	2.402
	Tot	al for Activi	ty 1HAH201	031:		0	0	45.400	2.402	47.802	0	47.802

## Line Item ISEDS - ISEDS O&M

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400 Quote Received by - Marian Carr Date Received - 4/18/00

Item being quoted - Operate and maintain ISEDS web site

Other Info - DDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase

is consumated. Availability - Now

#### Resources

s	Cost Element		Skill		Department	Curve	Ouantity	Units
	A59 DYNCORP I&ET	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars
1	Factors 5000 Dollars				,			
	A59 DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	40.400.00	Dollars

Factors 40400 Dollars

# Line Item SYS - Contingency And Escalation

# BOE Resou

-								
ources		Cost Element		Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY		0000	NONE	ZDEPT No Department	Linear	1.447.01	Dollars
	Factors	1447.01 Dollars	-					
	ESC	ESCALATION	0000	NONE	ZDEPT No Department	Linear	954.66	Dollars

Factors 954.661 Dollars

Activity ID: 1HA	H201032 Description: ISEDS				Cost Risk 1 Schedule Risk 1							
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
ISEDS	ISEDS O&M	1.00	each	VQ	0	0	0	45.400	0	45.400	0	45.400
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.768	6.768	0	6.768
	Tot	al for Activ	ity 1HAH201	032:		0	0	45.400	6.768	52.168	0	52.168

## Line Item ISEDS - ISEDS O&M

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400

Quote Received by - Marian Carr

Date Received - 4/18/00

Item being quoted - Operate and maintain ISEDS web site

Other Info - DDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase

is consumated. Availability - Now

Resources Cost Element Skill Curve **Ouantity** Units Department

WBS No: Baseline Devl 1HAH2010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH201032 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY K267S Analytical Laboratory Services A59 DYNCORP I&ET 0000 NONE Linear 5.000.00 Dollars Factors 5000 Dollars P060 COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services 40.400.00 Dollars A59 DYNCORP I&ET Linear Factors 40400 Dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Units Department Curve CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 4.646.55 Dollars Factors 4646.55 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 2.121.61 Dollars Factors 2121.61 Dollars Activity ID: 1HAH201033 Description: ISEDS Cost Risk 1 Schedule Risk Line Item Description Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Quantity Hours/Unit Cost & Escalation TypeTotal Total Cost ISEDS ISEDS O&M 1.00 each VQ 0 45.400 45.400 45.400 0 12.556 SYS Contingency And Escalation 1.00 ea FF Λ 0 0 12.556 12.556 0 Total for Activity 1HAH201033: 0 0 45.400 12.556 57.956 0 57.956 Line Item ISEDS - ISEDS O&M Vendor Name - Dvn I&ET BOE Vendor Ouote - \$40,400 Quote Received by - Marian Carr Date Received - 4/18/00 Item being guoted - Operate and maintain ISEDS web site Other Info - DDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now Skill Units Resources Cost Element Department Curve **Ouantity** 0000 NONE K267S Analytical Laboratory Services A59 DYNCORP I&ET Linear 5.000.00 Dollars Factors 5000 Dollars P060 COMPUTER SYSTEMS ANALYSTS 40.400.00 Dollars A59 DYNCORP I&ET K267S Analytical Laboratory Services Linear 40400 Dollars Factors Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Quantity Units Department Curve CON CONTINGENCY 0000 NONE ZDEPT No Department 9.074.00 Dollars Linear Factors 9074 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 3.481.51 Dollars Linear 3481.51 Dollars Factors Activity ID: 1HAH201034 Description: ISEDS Cost Risk 1 Schedule Risk BOE Labor Cost Materials/ Sub Total Prime Burden Cost Line Item Description **Ouantity** Units Labor Labor Hours Contingency Total Cost Hours/Unit Total Total Cost & Escalation Cost Type ISEDS ISEDS O&M 1.00 each VQ 0 0 45.400 0 45.400 0 45.400 Λ FF SYS Contingency And Escalation 1.00 ea Λ 6.470 6.470 0 Λ 0 6.470 Total for Activity 1HAH201034: 45.400 6.470 51.870 51.870

## Line Item ISEDS - ISEDS O&M

BOE

Vendor Name - Dyn I&ET Vendor Ouote - \$40,400

Quote Received by - Marian Carr Date Received - 4/18/00

Item being quoted - Operate and maintain ISEDS web site

Other Info - DDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase

WBS No: 1HAH2010 Baseline Devl Proiect **Rocky Flats Closure Project** Activity ID: 1HAH201034 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY is consumated. Availability - Now Cost Element Resources Department Curve Ouantity Units A59 DYNCORP I&ET 0000 NONE K267S Analytical Laboratory Services 5.000.00 Dollars Linear 5000 Dollars Factors A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services Linear 40.400.00 Dollars 40400 Dollars Factors Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Curve Quantity Units CON CONTINGENCY 0000 NONE ZDEPT No Department 2.111.02 Dollars Linear Factors 2111.02 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 4.359.14 Dollars 4359.14 Dollars Activity ID: 1HAH201035 Description: ISEDS Cost Risk 1 Schedule Risk Line Item Description **Ouantity** Units BOE Labor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Hours/Unit Total Cost & Escalation Type**Total** Cost ISEDS ISEDS O&M 1.00 each VQ 0 45.400 45.400 0 45.400 SYS Contingency And Escalation 1.00 ea FF Λ Λ 24.225 24.225 Λ 24.225 69.625 Total for Activity 1HAH201035: 0 0 45.400 24.225 0 69.625 Line Item ISEDS - ISEDS O&M Vendor Name - Dvn I&ET BOE Vendor Quote - \$40,400 Quote Received by - Marian Carr Date Received - 4/18/00 Item being guoted - Operate and maintain ISEDS web site Other Info - DDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now Resources Cost Element Skill Department Curve **Ouantity** Units 5.000.00 Dollars A59 DYNCORP I&ET 0000 NONE K267S Analytical Laboratory Services Linear 5000 Dollars Factors P060 COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services 40.400.00 Dollars A59 DYNCORP I&ET Linear 40400 Dollars Factors Line Item SYS - Contingency And Escalation BOE Units Resources Cost Element Skill Department Curve **Ouantity** CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 17.191.77 Dollars Factors 17191.8 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department 7,033.16 Dollars Linear 7033.16 Dollars Factors Activity ID: 1HAH201036 Description: ISEDS Cost Risk 1 Schedule Risk Line Item Description Quantity Units BOE Labor Labor Hours Labor Cost Materials/Sub Contingency Total Prime Burden Cost Total Cost

Date Received - 4/18/00 6/23/00 10:22:23 AM

Type

VQ

EE

1.00 each

Total for Activity 1HAH201036:

1.00 ea

ISEDS O&M

Line Item ISEDS - ISEDS O&M

Contingency And Escalation

Ouote Received by - Marian Carr

Vendor Name - Dyn I&ET

Vendor Ouote - \$40,400

**ISEDS** 

BOE

SYS

Hours/Unit

0

0

Total

0

0

0

Total

0

0

0

& Escalation

0

2.095

2.095

Cost

5,000

2,095

7.095

Cost

5,000

5.000

0

0

0

0

5,000

2,095

7.095

Proiect Baseline Devl **Rocky Flats Closure Project** WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter

Item being quoted - Operate and maintain ISEDS web site

Other Info - DDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase

is consumated. Availability - Now

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

10000 Dollars Management cut 0.5 Factors

## Line Item SYS - Contingency And Escalation

1HAH2010

1HAH201036

BOE

WBS No:

Activity ID:

Resource

ces		Cost Element		Skill		Department	Curve	Ouantity	Units
	CON	CONTINGENCY	0000	NONE Z	ZDEPT I	No Department	Linear	1.150.68	Dollars
	Factors	1150.68 Dollars							
	ESC	ESCALATION	0000	NONE Z	ZDEPT I	No Department	Linear	944.59	Dollars

944.587 Dollars Factors

Starts In FY \*

Activity ID: 1HA	Description: AST Database							Cost Risk	2 Schedule F	isk 2		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	1.00	each	VQ	0	0	0	135.602	0	135.602	0	135.602
A/S Tech Srv	AST/SWD Technical Services	1.00	each	VQ	0	0	0	295.594	0	295.594	0	295.594
AST DYN	AST/SWD Programming	1.00	each	VQ	0	0	0	80.000	0	80.000	0	80.000
AST O&M	AST Operations/Maintenance	1.00	each	VQ	0	0	0	203.572	0	203.572	0	203.572
NEDD	NEDD Implementation	1.00	each	VQ	0	0	0	106.735	0	106.735	0	106.735
SYS	Contingency And Escalation	1.00	) ea	EE	0	0	0	0	43.458	43.458	0	43.458
	Tot	al for Activ	ity 1HAH201	041:		0	0	821.503	43,458	864.961	0	864.961

# Line Item Data Delivery - Analytical Data Delivery

BOE

Vendor Name - Enabling Technology Vendor Quote - \$125,602 Quote Received by - Marian Carr Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM approved computer configurations in effect at time of purchase.

Availability - Now

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	125.602.00 D	ollars
_	Factors	125602 Dollars							
Į	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	10.000.00	ollars

## Line Item A/S Tech Srv - AST/SWD Technical Services

Factors

10000 Dollars

BOE

Vendor Name - Enabling Technology Vendor Quote - \$290,594 Ouote Received by - Marian Carr Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

D	29	^	ro	^-

s	Cost Eleme	ent	Skill		Department	Curve	Ouantity	Units
Α	59 DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	290.594.00	Dollars
Fac	tors 290594 Dollars	<b>.</b>						
Α	5C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

5000 Dollars Factors

1HAH2010 **Rocky Flats Closure Project** 1HAH201041 **Baseline Cost and Basis of Estimate** 

Baseline Devl Proiect WBS Filter 1HAH Activity Filter

Starts In FY \*

Line Item AST DYN - AST/SWD Programming

BOE

WBS No:

Activity ID:

Vendor Name - Envision Technology

Vendor Quote - \$80,000

Quote Received by - Marian Carr

Date Received - 4/19/00

Item being quoted - On-demand oracle programming support at fixed unit rate

Other Info -

Availability - Now

Resources

es	Cost Element Skill			Department	Curve	Quantity	Units	J	
	A59			K267S	Analytical Laboratory Services	Linear	80.000.00	Dollars	J

80000 Dollars Factors

Line Item AST O&M - AST Operations/Maintenance

BOE

Vendor Name - Enabling Technology

Vendor Quote - \$198572

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD and associated systems and processes operations and maintenance

Other Info - Additional \$5,000 added to purchace computers for AST O&M. Acutal purchace price will be based on KH IRM approved computer configurations in

effect at time of purchase.

Availability - Now

Resource

ces		Cost Element	Cost Element Skill			Department	Curve	Ouantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	198.572.00	Dollars
	Factors	198572 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

5000 Dollars Factors

Line Item NEDD - NEDD Implementation BOE

Vendor Name - Enabling Technology

Vendor Quote - \$101,735 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Development and implementation of NEDD application.

Other Info - Additional \$5,000 added to purchace computers for NEDD application support. Acutal purchace price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

Resources

es	Cost Element		Skill		Department	Curve	Ouantity	Units
Α	59 DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	101.735.00	Dollars
Fac	tors 101735 Dollars							
Α	5C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

Factors 5000 Dollars

Line Item SYS - Contingency And Escalation

BOE

Resources

s	Cost Element Skill			Department	Curve	Quantity	Units	
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	26.183.29	Dollars
Factors	26183.3 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	17.274.37	Dollars

Factors 17274.4 Dollars

Activity ID: 1HA	AH201042 Description: AST Database		Cost Risk 2 Schedule Risk 2									
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	1.00	each	VQ	0	0	0	110.602	0	110.602	0	110.602
A/S Tech Srv	AST/SWD Technical Services	1.00	each	VQ	0	0	0	162.903	0	162.903	0	162.903
AST DYN	AST/SWD Programming	1.00	each	VQ	0	0	0	40,000	0	40,000	0	40,000
AST O&M	AST Operations/Maintenance	1.00	each	VQ	0	0	0	116,572	0	116,572	0	116,572
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	64,115	64,115	0	64,115

Proiect Baseline Devl **Rocky Flats Closure Project** WBS Filter 1HAH

Starts In FY

494.192

494.192

64.115

**Baseline Cost and Basis of Estimate** Activity Filter

Line Item Data Delivery - Analytical Data Delivery

1HAH2010

1HAH201042

WBS No:

Activity ID:

Vendor Name - Enabling Technology BOE Vendor Ouote - \$125,602

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM

approved computer configurations in effect at time of purchase.

Availability - Now

Resources Cost Element Department Curve **Ouantity** Units A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 110.602.00 Dollars

Total for Activity 1HAH201042:

110602 Dollars Factors

Line Item A/S Tech Srv - AST/SWD Technical Services

Vendor Name - Enabling Technology BOE Vendor Quote - \$290,594

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchace computers for Analytical Services Support. Acutal purchace price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

Resources Units Cost Element Curve DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 162.903.00 Dollars

Factors 162903 Dollars

Line Item AST DYN - AST/SWD Programming

Vendor Name - Envision Technology BOE Vendor Quote - \$80,000

Quote Received by - Marian Carr

Date Received - 4/19/00

Item being quoted - On-demand oracle programming support at fixed unit rate

Other Info -

Availability - Now

Resources Cost Elemen Units A59 DYNCORP I&ET K267S Analytical Laboratory Services P060 COMPUTER SYSTEMS ANALYSTS Linear 40.000.00 Dollars

80000 Dollars 0.5 Management cut

Line Item AST O&M - AST Operations/Maintenance

Vendor Name - Enabling Technology BOE

Vendor Quote - \$198572 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD and associated systems and processes operations and maintenance

Other Info - Additional \$5,000 added to purchace computers for AST O&M. Acutal purchace price will be based on KH IRM approved computer configurations in

effect at time of purchase.

Availability - Now

Cost Element Units Resources Curve A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 116.572.00 Dollars

116572 Dollars

Line Item SYS - Contingency And Escalation

BOE

Resources Cost Element Units Department CON CONTINGENCY 0000 NONE ZDEPT No Department Linear 44.017.04 Dollars Factors 44017.0 Dollars ESC ESCALATION 0000 NONE ZDEPT No Department Linear 20.098.12 Dollars

Factors 20098.1 Dollars

430.077

0

1HAH2010 **Rocky Flats Closure Project** 1HAH201043 **Baseline Cost and Basis of Estimate** 

Baseline Devl Proiect WBS Filter 1HAH

102.135

372.059

0

Ω

0

Ω

Activity Filter Starts In FY

102.894

102.894

102.135

102.894

474.953

102.135

102.894

474.953

0

Ω

Activity ID: 1HA	ctivity ID: 1HAH201043 Description: AST Database Cost Risk 2											
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	1.00	each	VQ	0	0	0	120.602	0	120.602	0	120.602
A/S Tech Srv	AST/SWD Technical Services	1.00	each	VQ	0	0	0	109.322	0	109.322	0	109.322
AST DYN	AST/SWD Programming	1.00	each	VQ	0	0	0	40.000	0	40.000	0	40.000

VQ

EE

1.00 each

1.00 ea

Total for Activity 1HAH201043: Line Item Data Delivery - Analytical Data Delivery

BOE

AST O&M

SYS

WBS No:

Activity ID:

Vendor Name - Enabling Technology

Vendor Quote - \$125,602 Quote Received by - Marian Carr

AST Operations/Maintenance

Contingency And Escalation

Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM approved computer configurations in effect at time of purchase.

Availability - Now

Resources

es		Cost Element	Skill			Department	Curve	<b>Ouantity</b>	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	110,602.00	Dollars
	Factors	110602 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	10.000.00	Dollars

Factors 10000 Dollars

# Line Item A/S Tech Srv - AST/SWD Technical Services

BOE

Vendor Name - Enabling Technology Vendor Quote - \$290,594

Ouote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	104,322.00	Dollars
_	Factors	104322 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5,000.00	Dollars

Factors 5000 Dollars

# Line Item AST DYN - AST/SWD Programming

BOE

Vendor Name - Envision Technology Vendor Ouote - \$80,000 Quote Received by - Marian Carr

Date Received - 4/19/00

Item being quoted - On-demand oracle programming support at fixed unit rate

Other Info -

Availability - Now

Resources	Cost Element	Skill	Department	Curve	Ouantity	Units
	A59 DYNCORP I&ET	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	40.000.00	Dollars

80000 Dollars Factors Management cut

# Line Item AST O&M - AST Operations/Maintenance

BOE

Vendor Name - Enabling Technology Vendor Quote - \$198572

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD and associated systems and processes operations and maintenance

Other Info - Additional \$5,000 added to purchace computers for AST O&M. Acutal purchace price will be based on KH IRM approved computer configurations in

effect at time of purchase.

WBS No: Baseline Devl 1HAH2010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH201043 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Availability - Now

Resource

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	97.135.00	Dollars
	Factors	97135 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

5000 Dollars Factors

## Line Item SYS - Contingency And Escalation

BOE

Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	74.362.59	Dollars
	Factors	74362.6 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	28.531.44	Dollars

Factors 28531.4 Dollars

Activity ID: 1HAH201044 Description: AST Database Cost Risk 2 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	1.00	each	VQ	0	0	0	111.021	0	111.021	0	111.021
A/S Tech Srv	AST/SWD Technical Services	1.00	each	VQ	0	0	0	49.571	0	49.571	0	49.571
AST DYN	AST/SWD Programming	1.00	each	VQ	0	0	0	20.000	0	20.000	0	20.000
AST O&M	AST Operations/Maintenance	1.00	each	VQ	0	0	0	102.528	0	102.528	0	102.528
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	40.349	40.349	0	40.349
	Tot	al for Activi	ty 1HAH2010	044:		0	0	283.120	40.349	323,469	0	323,469

## Line Item Data Delivery - Analytical Data Delivery

BOE

Vendor Name - Enabling Technology Vendor Quote - \$125,602 Quote Received by - Marian Carr Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM approved computer configurations in effect at time of purchase.

Availability - Now

Cost Element Skill Resources Department Curve A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 111.021.00 Dollars

Factors 111021 Dollars

## Line Item A/S Tech Srv - AST/SWD Technical Services

BOE

Vendor Name - Enabling Technology Vendor Quote - \$290,594 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchace computers for Analytical Services Support. Acutal purchace price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

Cost Element Skill Units Resources Department Curve **Ouantity** A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 49.571.00 Dollars

49571 Dollars Factors

## Line Item AST DYN - AST/SWD Programming

BOE

Vendor Name - Envision Technology Vendor Quote - \$80,000

Quote Received by - Marian Carr

Date Received - 4/19/00

Item being quoted - On-demand oracle programming support at fixed unit rate

Other Info -Availability - Now

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Starts In FY

Units

WBS No: 1HAH2010 Activity ID: 1HAH201044

# Rocky Flats Closure Project Baseline Cost and Basis of Estimate

Proiect
WBS Filter
Activity Filter

Baseline Devl 1HAH

_			Daseille Cost at	Activity Filter	*	Starts In FY	*
Resources	Cost Element		Skill	Department	Curve	<i>Ouantity</i>	Units
	A59 DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	20.000.00	Dollars

Factors 40000 Dollars 0.5 Management cut

Line Item AST O&M - AST Operations/Maintenance

BOE Vendor Name - Enabling Technology

Vendor Quote - \$198572 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD and associated systems and processes operations and maintenance

other Info - Additional \$5,000 added to purchace computers for AST O&M. Acutal purchace price will be based on KH IRM approved computer configurations in

effect at time of purchase.

Availability - Now

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	97.528.00	Dollars
-	Factors	97528 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars

Factors 5000 Dollars
Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	13.164.57	Dollars
	Factors	13164.6 Dollars							
	FSC	ESCALATION	0000	NONE	7DFPT	No Department	Linear	27 184 13	Dollars

Factors 27184.1 Dollars

Activity ID: 1HAH201045

Description: AST Database Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	1.00	each	VQ	0	0	0	100.602	0	100.602	0	100.602
A/S Tech Srv	AST/SWD Technical Services	1.00	each	VQ	0	0	0	44.532	0	44.532	0	44.532
AST O&M	AST Operations/Maintenance	1.00	each	VQ	0	0	0	116.572	0	116.572	0	116.572
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	139.643	139.643	0	139.643
	Tot	al for Activ	tv 1HAH2010	045:		0	0	261.706	139.643	401.349	0	401.349

Line Item Data Delivery - Analytical Data Delivery

BOE

Vendor Name - Enabling Technology

Vendor Quote - \$125,602

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM

approved computer configurations in effect at time of purchase.

Availability - Now

Resources Cost Element Skill Department Curve Quantity Units
A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 100.602.00 Dollars

Factors 100602 Dollars

Line Item A/S Tech Srv - AST/SWD Technical Services

BOE

Vendor Name - Enabling Technology

Vendor Quote - \$290,594

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

Resources Cost Element Skill Department Curve Quantity Units

Baseline Devl Proiect **Rocky Flats Closure Project** WBS Filter 1HAH **Baseline Cost and Basis of Estimate** 

Activity Filter Starts In FY P060 COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services A59 DYNCORP I&ET 44.532.00 Dollars Linear

Factors 44532 Dollars

Line Item AST O&M - AST Operations/Maintenance

1HAH2010

1HAH201045

Vendor Name - Enabling Technology BOE Vendor Ouote - \$198572

Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD and associated systems and processes operations and maintenance

Other Info - Additional \$5,000 added to purchace computers for AST O&M. Acutal purchace price will be based on KH IRM approved computer configurations in

effect at time of purchase.

Availability - Now

Cost Element Department A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services 116.572.00 Dollars Linear 116572 Dollars

Line Item SYS - Contingency And Escalation

BOE

Resources

Resources

WBS No:

Activity ID:

Cost Element Skill Department Curve Quantity Units CON CONTINGENCY 0000 NONE ZDEPT No Department 99.101.11 Dollars Linear Factors 99101.1 Dollars ZDEPT No Department 0000 NONE 40.542.31 Dollars

ESC ESCALATION 40542.3 Dollars Factors

Activity ID: 1HAH201046 Description: AST Database Cost Rich 2 Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	1.00 ea	ch	VQ	0	0	0	25.151	0	25.151	0	25.151
A/S Tech Srv	AST/SWD Technical Services	1.00 ea	ch	VQ	0	0	0	20.000	0	20.000	0	20.000
AST O&M	AST Operations/Maintenance	1.00 ea	ch	VQ	0	0	0	18.112	0	18.112	0	18.112
SYS	Contingency And Escalation	1.00 ea		EE	0	0	0	0	26.511	26.511	0	26.511
	Tot	al for Activity 1	IHAH20104	46:		0	0	63.263	26.511	89.774	0	89.774

Line Item Data Delivery - Analytical Data Delivery

BOE

Vendor Name - Enabling Technology Vendor Ouote - \$125,602 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM

approved computer configurations in effect at time of purchase.

Availability - Now

Resources Cost Element Units A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services 25.151.00 Dollars

Factors 25151 Dollars

Line Item A/S Tech Srv - AST/SWD Technical Services

BOE

Vendor Name - Enabling Technology Vendor Ouote - \$290,594 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchace computers for Analytical Services Support. Acutal purchace price will be based on KH IRM approved computer

configurations in effect at time of purchase.

Availability - Now

Skill Cost Floment Resources DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services 20.000.00 Dollars Linear

Factors 20000 Dollars Linear

WBS No: 1HAH2010 Rocky Flats Closure Project
Activity ID: 1HAH201046 Baseline Cost and Basis of Estimate

Proiect
WBS Filter
Activity Filter

Baseline Devl 1HAH

Starts In FY \*

Line Item AST O&M - AST Operations/Maintenance

BOE

Vendor Name - Enabling Technology Vendor Quote - \$198572 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD and associated systems and processes operations and maintenance

Other Info - Additional \$5,000 added to purchase computers for AST O&M. Acutal purchase price will be based on KH IRM approved computer configurations in

effect at time of purchase.

Availability - Now

Resources

Cost Element Skill Department Curve Quantity Units

A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 18.112.00 Dollars

Factors 18112 Dollars

## Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Ouantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	14.559.15	Dollars
	Factors	14559.2 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	11.951.48	Dollars

Factors 11951.5 Dollars

Activity ID: 1HAH201051 Description: Database System Integration

Cost Risk 1 Schedule Risk

1

ACTIVITY ID. THE	Description. Database System integration	1						Cost Risk	i Schedule I	USK I		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Audits	Audits and Assessments	1.00	each	VQ	0	0	0	56.639	0	56.639	0	56.639
KH Labor	KH Labor	1.00	ea	EE	1.850	1.850	78.829	10.000	0	88.829	37.601	126.430
SOPs	Guidance/Training	1.00	ea	VQ	0	0	0	52.594	0	52.594	0	52.594
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12.467	12.467	0	12.467
	Tot	tal for Activ	ity 1HAH201	051		1 850	78 829	119 233	12 467	210 528	37 601	248 129

## Line Item Audits - Audits and Assessments

BOE

Vendor Name - IT Corporation Vendor Quote - \$70,000

Quote Received by - Marian Carr

Date Received - 4/7/00

Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs

Other Info -

Availability - Now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

rces	Cost Element	Skill	Department	Curve	<i>Ouantity</i>	Units
	A5H SUBCONTRACTED SRVS	S020 ENVIRONMENTAL SCIENTISTS	K267S Analytical Laboratory Services	Back Loaded	56.639.40	Dollars

Factors 70000 Dollars

0.80913 [SYS 061400] .80704 - System

Line Item KH Labor - KH Labor

BOE

Estimators Experience - I work here Experience Item Desc - My labor Breakdown of Cost Data:

Item - 1

Units - ea

Unit Cost - KH labor rate Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

Resources

es		Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K267S Analytical Laboratory Services	Linear	1.850.00	Hours
	Factors	1850 Hr					

WBS No: 1HAH2010 Proiect Baseline Devl **Rocky Flats Closure Project** Activity ID: 1HAH201051 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** 

				Activity Filter	*	Starts In FY *
A5C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	1.500.00 Dollars
Factors 1500 Dollars						
A5C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	3.500.00 Dollars
Factors 3500 Dollars						
A5M TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00 Dollars

Factors 5000 Dollars

## Line Item SOPs - Guidance/Training

BOE

Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements

Experience Item Desc - Guidelines and standard operating procedures

Breakdown of Cost Data:

Item 500 Units - Hours Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Linear	52.593.73	Dollars

65000 Dollars Factors

0.80913 [SYS 061400] .80704 - System

## Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department	Curve	Ouantity	Units
	CON CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	7.511.14	Dollars
	Factors 7511.15 Dollars	-	•		·		·	
	ESC ESCALATION		NONE	ZDEPT	No Department	Linear	4.955.46	Dollars

4955.46 Dollars Factors

Activity ID: 1HAH201052	Description: Database System Integration	Cost Risk	1	Schedule Risk

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Audits	Audits and Assessments	1.00	each	VQ	0	0	0	27.511	0	27.511	0	27.511
KH Labor	KH Labor	1.00	ea	EE	1.850	1.850	78.829	10.000	0	88.829	27.826	116.655
SOPs	Guidance/Training	1.00	ea	VQ	0	0	0	16.183	0	16.183	0	16.183
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	23.904	23.904	0	23.904
	Tot	Total for Activity 1HAH201052:				1.850	78.829	53.693	23.904	156.426	27.826	184.253

#### Line Item Audits - Audits and Assessments

BOE

Vendor Name - IT Corporation Vendor Quote - \$70,000 Quote Received by - Marian Carr

Date Received - 4/7/00

Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs

Other Info -

Availability - Now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resource

ces	Cost Element	Skill	Department	Curve	Ouantity Unit	ts
	A5H SUBCONTRACTED SRVS	S020 ENVIRONMENTAL SCIENTISTS	K267S Analytical Laboratory Services	Back Loaded	27.510.56 Dollar	S

34000 Dollars

0.80913 [SYS 061400] .80704 - System

Line Item KH Labor - KH Labor

Estimators Experience -BOE Experience Item Desc -

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WBS No: 1HAH2010 Rocky Flats Closure Project
Activity ID: 1HAH201052 Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY

Breakdown of Cost Data:

Item -Units -Unit Cost -

Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

Resources

Cost Element	Skill			Department	Curve	Ouantity	Units
0 STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S	Analytical Laboratory Services	Linear	1.850.00	Hours
ors 1850 Hr							
C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	1.500.00	Dollars
ors 1500 Dollars							
C SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	3.500.00	Dollars
ors 3500 Dollars							
M TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.000.00	Dollars
	0 STRAIGHT TIME BASE  27.5 1850 Hr  C SUPPLIES  27.5 1500 Dollars  C SUPPLIES	0 STRAIGHT TIME BASE M030  275 1850 Hr  C SUPPLIES 0000  275 1500 Dollars  C SUPPLIES 0000  275 3500 Dollars	0 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR 275 1850 Hr C SUPPLIES 0000 NONE 275 1500 Dollars C SUPPLIES 0000 NONE 275 3500 Dollars	0         STRAIGHT TIME BASE         M030         MANAGEMENT INTEGRATORS (GR K267S MANAGEMENT INTEGRATORS)         K267S MANAGEMENT INTEGRATORS (GR	0         STRAIGHT TIME BASE         M030         MANAGEMENT INTEGRATORS (GR         K267S         Analytical Laboratory Services           0rs         1850         Hr         Hr         K267S         Analytical Laboratory Services           0rs         1500         Dollars         K267S         Analytical Laboratory Services           0rs         SUPPLIES         0000         NONE         K267S         Analytical Laboratory Services           0rs         3500         Dollars         K267S         Analytical Laboratory Services	0         STRAIGHT TIME BASE         M030         MANAGEMENT INTEGRATORS (GR K267S Analytical Laboratory Services         Linear           0         SUPPLIES         0000         NONE         K267S Analytical Laboratory Services         Linear           0         SUPPLIES         0000         NONE         K267S Analytical Laboratory Services         Linear           0         SUPPLIES         0000         NONE         K267S Analytical Laboratory Services         Linear           0         SUPPLIES         0000         NONE         K267S Analytical Laboratory Services         Linear	O   STRAIGHT TIME BASE   M030   MANAGEMENT INTEGRATORS (GR   K267S   Analytical Laboratory Services   Linear   1.850.00

Factors 5000 Dollars

## Line Item SOPs - Guidance/Training

BOE

Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements

Experience Item Desc - Guidelines and standard operating procedures

Breakdown of Cost Data:

Item 500

Units - Hours Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

ces		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
	A5H	SUBCONTRACTED SRVS	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Linear	16.182.68	Dollars

Factors 40000 Dollars 0.5 Management cut

0.80913 [SYS 061400] .80704 - System

## Line Item SYS - Contingency And Escalation

BOE

Resources

ces	Cost Element		Skill			Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	16.411.14	Dollars
	Factors	16411.1 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	7.493.30	Dollars

Factors 7493.30 Dollars

Activity ID: 1HAH201053 Description: Database System Integration Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Audits	Audits and Assessments	1.00	each	VQ	0	0	0	11.328	0	11.328	0	11.328
KH Labor	KH Labor	1.00	ea	EE	1.850	1.850	78.829	10.000	0	88.829	27.275	116.103
SOPs	Guidance/Training	1.00	ea	VQ	0	0	0	16.183	0	16.183	0	16.183
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39.717	39.717	0	39.717
Total for Activity 1HAH20			ty 1HAH2010	053:		1.850	78.829	37.511	39.717	156.056	27.275	183.331

## Line Item Audits - Audits and Assessments

BOE

Vendor Name - IT Corporation Vendor Quote - \$70,000 Quote Received by - Marian Carr Date Received - 4/7/00

Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs

Other Info -

*WBS No:* 1HAH2010 Activity *ID:* 1HAH201053

## Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect WBS Filter Activity Filter Baseline Devl 1HAH

Starts In FY \*

Availability - Now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	A5H SUBC	CONTRACTED SRVS	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Back Loaded	11.327.88	Dollars

Factors 14000 Dollars

0.80913 [SYS 061400] .80704 - System

## Line Item KH Labor - KH Labor BOE Estimators Ex

Estimators Experience Experience Item Desc Breakdown of Cost Data:
Item Units Unit Cost Unit Cost Adjustment factor Revised Unit Cost Basis for adjustment -

#### Resources

S Cost Element	Skill	Department	Curve	Quantity Units
750 STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATO	RS (GR K267S Analytical Laboratory Services	Linear	1.850.00 Hours
Factors 1850 Hr				
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	1.500.00 Dollars
Factors 1500 Dollars				
A5C SUPPLIES	0000 NONE	K267S Analytical Laboratory Services	Linear	3.500.00 Dollars
Factors 3500 Dollars				
A5M TRAVEL/TRAIN/RELOCAT	0000 NONE	K267S Analytical Laboratory Services	Linear	5.000.00 Dollars
Factors 5000 Dollars				

#### Line Item SOPs - Guidance/Training

## BOE

Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements

Experience Item Desc - Guidelines and standard operating procedures

Breakdown of Cost Data:

Item 500 Units - Hours Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

## Resources

rces	Cost Element			Skill		Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Linear	16.182.68	Dollars
						•			

Factors 40000 Dollars 0.5 Management cut

0.80913 [SYS 061400] .80704 - System

## Line Item SYS - Contingency And Escalation BOE

## Resourc

rces	Cost Element		Skill			Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	28.703.75	Dollars
	Factors	28703.8 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	11.013.06	Dollars

Factors 11013.1 Dollars

Activity ID: 1HAI	<b>Description:</b> Database System Integration	ı						Cost Risk	1 Schedule R	?isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
KH Labor	KH Labor	1.00	ea	EE	1,850	1,850	78,829	10,000	0	88,829	22,230	111,058
SOPs	Guidance/Training	1.00	ea	VQ	0	0	0	16,183	0	16,183	0	16,183

WBS No: Baseline Devl 1HAH2010 Proiect **Rocky Flats Closure Project** Activity ID: 1HAH201054 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter SYS 1.00 ea FF Contingency And Escalation 18.134 Total for Activity 1HAH201054: 1.850 78.829 26.183 18.134 Line Item KH Labor - KH Labor

## BOE

Estimators Experience -Experience Item Desc -Breakdown of Cost Data: Ttem -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

Cost Element		Skill	Department	Curve	Ouantity Units
750 STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S Analytical Laboratory Services	Linear	1.850.00 Hours
Factors 1850 Hr					
A5C SUPPLIES	0000	NONE	K267S Analytical Laboratory Services	Linear	3.500.00 Dollars
Factors 3500 Dollars					
A5C SUPPLIES	0000	NONE	K267S Analytical Laboratory Services	Linear	1.500.00 Dollars
Factors 1500 Dollars					
A5M TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S Analytical Laboratory Services	Linear	5.000.00 Dollars
Factors 5000 Dollars					

## Line Item SOPs - Guidance/Training

## BOE

Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements Experience Item Desc - Guidelines and standard operating procedures Breakdown of Cost Data:

Item 500

Units - Hours Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resource

rces	Cost Element	Skill	Department	Curve	Quantity Units
	A5H SUBCONTRACTED SRVS	S020 ENVIRONMENTAL SCIENTISTS	K267S Analytical Laboratory Services	Linear	16.182.68 Dollars
	Factors 40000 Dollars	0.5 Management cut			

## Line Item SYS - Contingency And Escalation

## BOE

#### Resources

ces		Cost Element		Skill		Department	Curve	<b>Ouantity</b>	Units
Į	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	5,916.47	Dollars
_	Factors	5916.47 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	12.217.19	Oollars

Factors 12217.2 Dollars

Activity ID: 1HAH201055 Description: Database System Integration 1 Schedule Risk Cost Risk

	* **											
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
KH Labor	KH Labor	1.00	ea	EE	1.850	1.850	78.829	10.000	0	88.829	27.432	116.261
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	62.035	62.035	0	62.035
	Tot	1.850	78.829	10.000	62.035	150.864	27.432	178.296				

## Line Item KH Labor - KH Labor

BOE	Estimators Experience -
	Experience Item Desc -
	Breakdown of Cost Data:

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Starts In FY

22.230

18.134

145.374

18.134

123.145

0.80913 [SYS 061400] .80704 - System

**Rocky Flats Closure Project Baseline Cost and Basis of Estimate** 

Baseline Devl Proiect WBS Filter 1HAH Activity Filter

Starts In FY \*

Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

WBS No:

Activity ID:

1HAH2010

1HAH201055

Cost Element		Skill	Department	Curve	Ouantity Units
750 STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S Analytical Laboratory Services	Linear	1.850.00 Hours
Factors 1850 Hr					
A5C SUPPLIES	0000	NONE	K267S Analytical Laboratory Services	Linear	1.500.00 Dollars
Factors 1500 Dollars					
A5C SUPPLIES	0000	NONE	K267S Analytical Laboratory Services	Linear	3.500.00 Dollars
Factors 3500 Dollars					
A5M TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S Analytical Laboratory Services	Linear	5.000.00 Dollars
Factors FOOO Dollars					

## Factors 5000 Dollars Line Item SYS - Contingency And Escalation

## BOE

## Resources

es	Skill Skill			Department	Curve	Quantity	Units		
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	44.024.89	Dollars
	Factors	44024.9 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	18.010.60	Dollars

18010.6 Dollars

Activity ID: 1HA	Description: Database System Integration	1						Cost Risk	1 Schedule R	isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
KH Labor	KH Labor	1.00	ea	EE	600	600	25,566	400	0	25,966	31,830	57,796
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	22,698	22,698	0	22,698
Total for Activity 1HAH201056:							25,566	400	22,698	48,664	31,830	80,495

## Line Item KH Labor - KH Labor

## BOE

Estimators Experience -Experience Item Desc -Breakdown of Cost Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -

#### Resources

es	Cost Element			Skill		Department	Curve	<b>Ouantity</b>	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S	Analytical Laboratory Services	Linear	600.00	Hours
	Factors	600 Hr							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	400.00	Dollars

Factors 400 Dollars

## Line Item SYS - Contingency And Escalation

## BOE

## Resources

ces	Cost Element			Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	11.916.72	Dollars
	Factors	11916.7 Dollars							
	FSC	ESCALATION	0000	NONE	ZDFPT	No Department	Linear	10.781.72	Dollars

Factors 10781.7 Dollars Activity ID: 1HAH2010P2 Description: SWD Database

Activity ID: 1HAH2010P2 Description: SWD Database Cost Risk 2 Schedule Risk 2												
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		

Baseline Devl Proiect **Rocky Flats Closure Project** WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter

			Daseillie	Dasis UI Estii	mate	Activi	itv Filter *		Starts In FY *				
SWD DQ	SWD Data Quality		1.00 each	EE	402	402	11.718	79.856	0	91.574	5.718	97.293	
•	•	Total	for Activity 1HAH2	402	11.718	79.856	0	91.574	5.718	97.293			

## Line Item SWD DQ - SWD Data Quality

1HAH2010

1HAH2010P2

BOE

WBS No:

Activity ID:

Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activiteis for SWD.

Experience Item Desc - Data management, review and correction activities

Breakdown of Cost Data:

Item - Onsite labor and subcontractor support

Units - ea

Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

## Resources

es		Cost Element	Skill			Department	Curve	Ouantity	Units
	750	STRAIGHT TIME BASE	P060	COMPUTER SYSTEMS ANALYSTS	R100S	RMRS Salaried	Linear	80.39	Hours
یے	Factors	150 Hours		0.53595 FY00 May Earned Value	Factor				
	750	STRAIGHT TIME BASE	S030	GEOLOGISTS	R100S	RMRS Salaried	Linear	321.57	Hours
ی	Factors	600 Hours		0.53595 FY00 May Earned Value	Factor		-		
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	45.019.61	Dollars
یے	Factors	84000 Dollars		0.53595 FY00 May Earned Value	Factor				
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	34.836.60	Dollars

Factors 65000 Dollars 0.53595 --- FY00 May Earned Value Factor

Activity ID: 1HAH2011P2 Description: GIS Database Cost Risk 1 Schedule Risk

,												
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
GIS DM	GIS Data Management	1.00	each	VQ	0	0	0	16.078	0	16.078	0	16.078
GIS O&M	GIS Operations/Maintenance	1.00	each	VQ	241	241	6.126	29.477	0	35.603	2.989	38.592
GIS Web	GIS Internet Web Server	1.00	each	VQ	0	0	0	5.359	0	5.359	0	5.359
	To	tal for Activ	ity 1HAH20	11P2·		241	6 126	50 915	0	57 041	2 989	60.030

## Line Item GIS DM - GIS Data Management

BOE

Vendor Name - Destiny Resources Vendor Ouote - \$197,000 Ouote Received by - Maian Carr

Date Received - 4/17/00

Item being quoted - GIS operations and maintenance, ESRI software upgrades, GIS data management.

Other Info -

Availability - now

## Resources

es	Cost Element	Skill	Department	Curve	Ouantity Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	16.078.43 Dollars

Factors 30000 Dollars 0.53595 --- FY00 May Earned Value Factor

## Line Item GIS O&M - GIS Operations/Maintenance Vendor Name - Destiny Resources

BOE

Vendor Quote -Quote Received by - Marian Carr

Date Received - 4/17/00

Item being quoted - GIS Management Services and Site Support

Other Info - Quoted for 2001-2006. Applied percentage to calculate FY00 costs

Availability - Now

## Resources

es	Cost Element Skil			Skill		Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE P060 COMPUTER SYSTEMS ANALYSTS		R100S	RMRS Salaried	Linear	241.18	Hours		
F	actors	450 hrs		0.53595 FY00 May Earned Value	Factor				
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Bell Shaped	2.679.74	Dollars
F	actors	5000 dollars		0.53595 FY00 May Earned Value	Factor				
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	26.797.39	Dollars
F	actors	50000 dollars		0.53595 FY00 May Earned Value	Factor				

*WBS No:* 1HAH2010 *Activity ID:* 1HAH2011P2

# Rockv Flats Closure Project Baseline Cost and Basis of Estimate

Proiect Baseline Devl WBS Filter 1HAH Activity Filter \*

Starts In FY \*

Line Item GIS Web - GIS Internet Web Server

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

Resources

ources		Cost Element		Skill		Department	Curve	Quantity	Units
L	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	5.359.48	Dollars

Factors 10000 dollars
Activity ID: 1HAH2012P2 Description: EDDIE

0.53595 --- FY00 May Earned Value Factor

Cost Risk 1 Schedule Risk

-												
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		ı
EDDIE	EDDIE Web Site Ops and Maintenance	1.00	each	VQ	0	0	0	16.970	0	16.970	0	16.970
		Total for Activity 1HAH2012P2						16 970	0	16 970	0	16 970

## Line Item EDDIE - EDDIE Web Site Ops and Maintenance

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400 Quote Received by - M. Carr Date Received - 4/18/00

Item being quoted - EDDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase

is consumated. Availability - Now

Resources

ces	Cost Element		Skill			Department	Curve	<b>Ouantity</b>	Units
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	14.290.51	Dollars
Factors 26664 dollars 0.53595 FY00 May Earned Value Factor									
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	2.679.74	Dollars

Factors 5000 Dolalrs

0.53595 --- FY00 May Earned Value Factor

Activity ID: 1HA	AH2013P2 Description: ISEDS						Cost Risk	1 Schedule F	Risk 1		
Line Item	Description	Quantity Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
			Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
ISEDS	ISEDS O&M	1.00 each	VQ	0	0	0	21.974	0	21.974	0	21.974
	Tot	al for Activity 1HAH2	∩13P2·		0	0	21 974	0	21 974	0	21 974

## Line Item ISEDS - ISEDS O&M

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400 Quote Received by - Marian Carr Date Received - 4/18/00

Item being quoted - Operate and maintain ISEDS web site

Other Info - DDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase

is consumated. Availability - Now

Resources

ces		Cost Element	Skill			Department	Curve	Quantity	Units	
	A59	DYNCORP I&ET	0000	NONE	K267S	Analytical Laboratory Services	Linear	2.679.74	Dollars	
	Factors 5000 Dollars 0.53595 FY00 May Earned Value Factor									
	A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	19.294.12	Dollars	

Cactors 36000 Dollars 0.53595 --- FY00 May Earned Value Factor

Description Database System Integration

ACTIVITY ID. THA	Description: Database System integral							Cost Kisk	i Scheaule K	.tsk I		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		<u> </u>
Audits	Audits and Assessments	1 00	each	VO	0	0	0	8 039	0	8.039	0	8 039

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Cont Dial.

WBS No: 1HAH2010 **Rocky Flats Closure Project** Activity ID: 1HAH2015P2 **Baseline Cost and Basis of Estimate**  Proiect WBS Filter

Baseline Devl 1HAH Activity Filter

	Daseline Cost and Dasis of Estimate						vity Filter *		Starts In FY *		
KH Labor	KH Labor	1.00 ea	EE	754	754	32.131	70.156	0	102.287	15.680	117.967
SOPs	Guidance/Training	1.00 ea	VQ	161	161	4.838	0	0	4.838	2.361	7.199
	•	Total for Activity 1HAF	12015P2:		915	36.969	78.195	0	115.164	18.041	133.205

#### Line Item Audits - Audits and Assessments

BOE

Vendor Name - IT Corporation Vendor Quote - \$70,000 Quote Received by - Marian Carr

Date Received - 4/7/00

Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs

Other Info -Availability - Now

Resources

Cost Element Skill Department Curve Units A5H SUBCONTRACTED SRVS S020 ENVIRONMENTAL SCIENTISTS K267S Analytical Laboratory Services Back Loaded 8.039.22 Dollars

Factors 15000 Dollars 0.53595 --- FY00 May Earned Value Factor

## Line Item KH Labor - KH Labor

BOE

Estimators Experience -Experience Item Desc -Breakdown of Cost Data: Item -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -

Basis for adjustment -

#### Resources

s	Cost Element		Skill		Department	Curve	Ouantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K267S	Analytical Laboratory Services	Linear	754.08	Hours
Factors	1407 Hr		0.53595 FY00 May Earned Value	Factor				
A59	DYNCORP I&ET	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	53.594.77	Dollars
Factors	100000 Dollars		0.53595 FY00 May Earned Value	Factor				
A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	401.96	Dollars
Factors	750 Dollars		0.53595 FY00 May Earned Value	Factor				
A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Linear	5.439.87	Dollars
Factors	10150 Dollars		0.53595 FY00 May Earned Value	Factor				
A5H	SUBCONTRACTED SRVS	S020	ENVIRONMENTAL SCIENTISTS	K267S	Analytical Laboratory Services	Linear	8,039.22	Dollars
Factors	15000 Dollars		0.53595 FY00 May Earned Value	Factor				
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K267S	Analytical Laboratory Services	Linear	2,679.74	Dollars

#### Factors 5000 Dollars 0.53595 --- FY00 May Earned Value Factor

## Line Item SOPs - Guidance/Training

BOE

Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements

Experience Item Desc - Guidelines and standard operating procedures

Breakdown of Cost Data:

Item 500 Units - Hours Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -Basis for adjustment -

Resources

ces		Cost Element		Skill		Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	S030	GEOLOGISTS	K267S	Analytical Laboratory Services	Linear	160.78	Hours

Factors 300 Hours 0.53595 --- FY00 May Earned Value Factor Activity ID: 1HXXX2135 Description: ISEDS - FY06

Activity ID: 1HX	XX2135 Description: ISEDS - FY06							Cost Risk	1 Schedule R	?isk 1		
Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
ISEDS	ISEDS O&M	0.96	each	VQ	0	0	0	43,807	0	43,807	0	43,807

WBS No: Baseline Devl 1HAH2010 Proiect **Rocky Flats Closure Project** Activity ID: 1HXXX2135 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** 

Activity Filter Starts In FY 1.00 ea 0 SYS Contingency And Escalation 37.086 37.086 37.086 0 Total for Activity 1HXXX2135: 43.807 37.086 80.893 80.893

## Line Item ISEDS - ISEDS O&M

BOE

Vendor Name - Dyn I&ET Vendor Quote - \$40,400 Quote Received by - Marian Carr

Date Received - 4/18/00

Item being quoted - Operate and maintain ISEDS web site

Other Info - DDIE maintenance and operations (Web site maintenance)

Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.

Availability - Now

Resources

s	Cost Element		Skill	Department	Curve	Ouantity	Units
	A59 DYNCORP I&ET	0000	NONE	K267S Analytical Laboratory Services	Linear	5.000.00	Dollars
	Factors 5000 Dollars						
	A59 DYNCORP I&FT	P060	COMPLITER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	40 400 00	Dollars

Factors 40400 Dollars

## Line Item SYS - Contingency And Escalation

BOE

Resources

es		Cost Element		Skill		Department	Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	27.315.03	Dollars
	Factors	27315.0 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.771.16	Dollars

Factors 9771.16 Dollars

Ac

ctivity ID: 1HX	XX2145	Description: AST Database - FY06							Cost Risk	2 Schedule R	risk 2
I ine Item		Description	Quantity	Unite	ROF	Lahor	Labor Hours	Lahor Cost	Materials/Sub	Contingency	Total Prime

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
				Type	Hours/Unit	Total	Total	Cost	& Escalation	Cost		
Data Delivery	Analytical Data Delivery	0.96	each	VQ	0	0	0	97.072	0	97.072	0	97.072
A/S Tech Srv	AST/SWD Technical Services	0.96	each	VQ	0	0	0	42.969	0	42.969	0	42.969
AST O&M	AST Operations/Maintenance	0.96	each	VQ	0	0	0	112.482	0	112.482	0	112.482
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	213.781	213.781	0	213.781
	Tot	al for Activ	ty 1HXXX214	45:		0	0	252,523	213,781	466,305	0	466,305

## Line Item Data Delivery - Analytical Data Delivery

BOE

Vendor Name - Enabling Technology Vendor Ouote - \$125,602 Ouote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - AST/SWD data processing and data delivery

Other Info - Additional \$10,000 added to purchace computers/equipment for data delivery/EDD processing. Acutal purchace price will be based on KH IRM approved computer configurations in effect at time of purchase.

Availability - Now

Resources

s	Cost Element	Skill	Department	Curve	Ouantity Units
	A59 DYNCORP I&ET	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	100.602.00 Dollars

Factors 100602 Dollars

## Line Item A/S Tech Srv - AST/SWD Technical Services

BOE

Vendor Name - Enabling Technology

Vendor Quote - \$290,594 Quote Received by - Marian Carr

Date Received - 4/13/00

Item being quoted - Analytical Services technical support activities

Other Info - Additional \$5,000 added to purchace computers for Analytical Services Support. Acutal purchace price will be based on KH IRM approved computer configurations in effect at time of purchase.

Availability - Now

Resources	Cost Element	Skill	Department	Curve	Quantity Units	

WBS No: 1HAH2010 Baseline Devl Proiect Rocky Flats Closure Project Activity ID: 1HXXX2145 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY P060 COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services A59 DYNCORP I&ET 44.532.00 Dollars Linear Factors 44532 Dollars Line Item AST O&M - AST Operations/Maintenance Vendor Name - Enabling Technology BOE Vendor Ouote - \$198572 Quote Received by - Marian Carr Date Received - 4/13/00 Item being quoted - AST/SWD and associated systems and processes operations and maintenance Other Info - Additional \$5,000 added to purchace computers for AST O&M. Acutal purchace price will be based on KH IRM approved computer configurations in effect at time of purchase. Availability - Now Resources Cost Element Department Curve A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services 116.572.00 Dollars Linear 116572 Dollars Line Item SYS - Contingency And Escalation BOE Resources Cost Element Department Curve Quantity Units CON CONTINGENCY 0000 NONE ZDEPT No Department 157.456.10 Dollars Linear Factors 157456 Dollars ESC ESCALATION ZDEPT No Department 56 325 36 Dollars 0000 NONE Linear Factors 56325.4 Dollars Activity ID: 1HXXXH2105 Description: SWD Database - FY06 Cost Risk 2 Schedule Risk Total Prime Line Item Units ROELabor Labor Hours Labor Cost Materials/ Sub Contingency Burden Cost Total Cost Description **Ouantity** Hours/Unit Type Total Total Cost & Escalation Cost SWD DQ SWD Data Quality 0.96 each FF 263 253 8.174 19.298 O 27.472 2.844 30.316 SYS Contingency And Escalation 1.00 ea FF 0 25.665 25.665 0 25.665 Λ Λ 253 19.298 55.982 Total for Activity 1HXXXH2105: 8.174 25.665 53.137 2.844 Line Item SWD DQ - SWD Data Quality Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current BOE (FYOO) data cleanup activiteis for SWD. Experience Item Desc - Data managemenet, review and correction activities Breakdown of Cost Data: Item - Onsite labor and subcontractor support Units - ea Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support. Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Resources Cost Element Department Units 262.50 Hours S020 ENVIRONMENTAL SCIENTISTS STRAIGHT TIME BASE K267S Analytical Laboratory Services Linear Management cut 350 hours 20.000.00 Dollars A59 DYNCORP I&ET P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services Linear 40000 Dollars 0.5 Management cut Line Item SYS - Contingency And Escalation BOE Resources Cost Element Skill Department Ouantity Units Curve CON CONTINGENCY 18,903.17 Dollars 0000 NONE ZDEPT No Department Linear Factors 18903.2 Dollars ZDEPT No Department 6.762.06 Dollars ESC ESCALATION 0000 NONE Linear Factors 6762.06 Dollars Activity ID: 1HXXXH2115 Description: GIS Database - FY06 Cost Risk 1 Schedule Risk Line Item Description Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Total Prime Burden Cost Total Cost Quantity

Type

Hours/Unit

Total

Total

& Escalation

Cost

WBS No: Proiect Baseline Devl 1HAH2010 **Rocky Flats Closure Project** Activity ID: 1HXXXH2115 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** 

						Acii	vuv r mer		311	aris in F i	
GIS DM	GIS Data Management	0.96 each	VQ	0	0	0	47.251	0	47.251	0	47.251
GIS O&M	GIS Operations/Maintenance	0.96 each	VQ	0	0	0	60.126	0	60.126	0	60.126
GIS Web	GIS Internet Web Server	0.96 each	VQ	0	0	0	9.291	0	9.291	0	9.291
SYS	Contingency And Escalation	1.00 ea	EE	0	0	0	0	98.768	98.768	0	98.768
		Total for Activity 1HXXXH	12115:		0	0	116.667	98.768	215.436	0	215.436

#### Line Item GIS DM - GIS Data Management

BOE

Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resource

ces			Skill		Department		Curve	Ouantity	Units
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	48.968.80	Dollars

60520 Dollars Factors

0.80913 [SYS 061400] .80704 - System

Ctuata L. EV \*

## Line Item GIS O&M - GIS Operations/Maintenance BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr

Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

#### Resources

es		Cost Element Skill		Department		Curve	Quantity	Units	
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Back Loaded	6.400.00	Dollars
	Factors	6400 Dollars							
	A5C	SUPPLIES	0000	NONE	K267S	Analytical Laboratory Services	Bell Shaped	4.000.00	Dollars
	Factors	4000 Dollars							
	A5H	SUBCONTRACTED SRVS	P060	COMPUTER SYSTEMS ANALYSTS	K267S	Analytical Laboratory Services	Linear	51,912.44	Dollars
	Factors	75480 Dollars		0.85 Management cut					

## Line Item GIS Web - GIS Internet Web Server

BOE

Vendor Name - Destiny Resources Vendor Quote - 2500 hrs @\$68/hr Quote Received by - M. Carr Date Received - 4/15/00

Item being quoted - GIS Management, data management and web site installation and maintenance

Other Info - separate quote for software upgrades

Availability - now

Line Item SYS - Contingency And Escalation

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

## Resources

es	Cost Element	Skill	Department	Curve	Quantity Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	K267S Analytical Laboratory Services	Linear	9.628.70 Dollars
	F	0.5 Management and			

Management cut 23800 dollars

0.80913 [SYS 061400] .80704 - System

0.80913 [SYS 061400] .80704 - System

BOE

-						
Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	COOK ENGINEER	27500	D COM MICH		C IIIIIII	

Andreiden Filance

WBS No: Baseline Devl 1HAH2010 Proiect **Rocky Flats Closure Project** Activity ID: 1HXXXH2115 WBS Filter 1HAH **Baseline Cost and Basis of Estimate** Activity Filter Starts In FY CON CONTINGENCY 0000 NONE ZDEPT No Department 72.745.79 Dollars Linear Factors 72745.8 Dollars 0000 NONE ZDEPT No Department 26.022.70 Dollars ESC ESCALATION Linear Factors 26022.7 Dollars Activity ID: 1HXXXH2125 Description: EDDIE - FY06 Cost Risk 1 Schedule Risk Total Prime Materials/ Sub Line Item Description **Ouantity** Units BOELabor Labor Hours Labor Cost Contingency Burden Cost Total Cost Type Hours/Unit **Total Total** Cost & Escalation Cost **EDDIE** EDDIE Web Site Ops and Maintenance 0.96 each VQ 0 0 43.807 43.807 0 43.807 SYS Contingency And Escalation 1 00 ea FF 0 Ω 37.086 37.086 0 37.086 Λ Λ Total for Activity 1HXXXH2125: 0 0 43.807 37.086 80.893 0 80.893 Line Item EDDIE - EDDIE Web Site Ops and Maintenance Vendor Name - Dyn I&ET BOE Vendor Quote - \$40,400 Quote Received by - M. Carr Date Received - 4/18/00 Item being quoted - EDDIE maintenance and operations (Web site maintenance) Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated. Availability - Now Units Resources Cost Element Skill Department Curve Ouantity A59 DYNCORP I&FT P060 COMPUTER SYSTEMS ANALYSTS K267S Analytical Laboratory Services 40 400 00 Dollars Linear 40400 dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 5.000.00 Dollars Dolairs 5000 Factors Line Item SYS - Contingency And Escalation BOE Resources Cost Element Department Units CON CONTINGENCY 0000 NONE ZDEPT No Department 27.315.03 Dollars Linear Factors 27315.0 Dollars ZDEPT No Department 9.771.16 Dollars ESC ESCALATION 0000 NONE Linear Factors 9771.16 Dollars Activity ID: 1HXXXH2155 Description: Database System Integration - FY06 Cost Risk 1 Schedule Risk Total Prime Line Item Description Quantity Units BOELabor Labor Hours Labor Cost Materials/ Sub Contingency Burden Cost Total Cost Type Hours/Unit Total Cost & Escalation Cost Total KH Labor KH Labor 0.96 ea EE 1.850 1.785 76.063 9.649 85.712 26.470 0 112.181 SYS Contingency And Escalation 1.00 ea FF 0 0 0 94.971 94.971 0 94.971 Total for Activity 1HXXXH2155: 1.785 76.063 9.649 94.971 180.682 26.470 207.152 Line Item KH Labor - KH Labor Estimators Experience -BOE Experience Item Desc -Breakdown of Cost Data: It.em -Units -Unit Cost -Unit Cost Adjustment factor -Revised Unit Cost -Basis for adjustment -Cost Element Units Resources Department 750 STRAIGHT TIME BASE M030 MANAGEMENT INTEGRATORS (GR | K267S | Analytical Laboratory Services Linear 1.850.00 Hours Factors 1850 Hr A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 1.500.00 Dollars Linear Factors 1500 Dollars A5C SUPPLIES 0000 NONE K267S Analytical Laboratory Services 3.500.00 Dollars Linear 3500 Factors Dollars

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WBS No: 1HAH2010 Rockv Flats Closure Project Project Baseline Devl
Activity ID: 1HXXXH2155 Baseline Cost and Basis of Estimate 1HAH

Asim travel/train/relocat 0000 None K267S Analytical Laboratory Services Linear 5.000.00 Dollars

Factors 5000 Dollars

## Line Item SYS - Contingency And Escalation

BOE

Resources

es	Cost Element		Skill		Department		Curve	Ouantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	69.948.63	Dollars
	Factors	69948.6 Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	25.022.10	Dollars

Factors 25022.1 Dollars

Report Totals:

-							
	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
	Total	Total	Cost	& Escalation	Cost		
	134.495	4 717 561	10 270 867	4 527 930	19 516 359	1 799 365	21 315 723

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